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PHYSICAL SOCIETY
Instituted
1771
GUY'S HOSPl

HORTUS KEWENSIS.

Printed by Richard Taylor and Co. Shoe-Lane, London.

HORTUS KEWENSIS;

OR,

A CATALOGUE

OF

THE PLANTS

CULTIVATED IN

THE ROYAL BOTANIC GARDEN AT KEW,

BY THE LATE WILLIAM AITON.

PHYSICAL SOCIETY
Instituted
1771.
GUY'S HOSPL.

THE SECOND EDITION ENLARGED

BY WILLIAM TOWNSEND AITON,

GARDENER TO HIS MAJESTY.

VOL. V.

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PHYSICAL SOCIETY GUY'S HOSP.
Instituted 1771.

COLLEGE LONDON

CONTINUATIO

Classis XIX.

SYNGENESIÆ.

POLYGAMIA SUPERFLUA.

TANACETUM. *Gen. pl. n.* 1280.

Recept. nudum. *Pappus* submarginatus. *Cal.* imbricatus, hemisphæricus. *Cor.* radii obsoletæ, 3-fidæ.

1. T. foliis lanceolatis canaliculatis, racemo terminali fastigiato. *Willden. sp. pl.* 3. *p.* 1809. *linifolium.*
Flax-leaved Tansy.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. August. G. H. ♄.

2. T. foliis pinnatis: pinnis linearibus dentatis pubescentibus, corymbo fastigiato basi folioso, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 1810. *suffruticosum.*
Tanacetum africanum fruticans multiflorum, foliis tanaceti vulgaris decuplo minoribus. *Commel. hort.* 2. *p.* 199. *t.* 100.
Shrubby Tansy.
Nat. of the Cape of Good Hope.
Cult. 1751, by Mr. Ph. Miller. *R. S. n.* 1495.
Fl. most part of the Summer. G. H. ♄.

3. T. foliis radicalibus bipinnatis; caulinis confertis *annuum.*

pinnatis pubescentibus: pinnis linearibus acutis mucronatis, corymbis fastigiatis. *Willden. sp. pl.* 3. *p.* 1812.

Santolina corymbis simplicibus, foliis linearibus confertis. *Mill. ic.* 2. *p.* 152. *t.* 227. *f.* 1.

Annual Tansy.

Nat. of Spain and Italy.

Cult. 1629. *Park. paradis.* 374. *n.* 1.

Fl. July and August. H. ⊙.

vulgare. 4. T. foliis bipinnatis incisis serratis. *Willden. sp. pl.* 3. *p.* 1814. *Engl. bot.* 1229. *Fl. dan.* 871. *Svensk bot.* 81.

α. Tanacetum vulgare luteum. *Bauh. pin.* 132.
Common Tansy.

β. Tanacetum foliis crispis. *Bauh. pin.* 132.
Curl'd Tansy.

Nat. of Britain.

Fl. July and August. H. ♃.

ARTEMISIA. *Gen. pl.* 1281.

Recept. subvillosum, vel nudiusculum. *Pappus* nullus. *Cal.* imbricatus, squamis rotundatis conniventibus. *Cor.* radii nullæ.

* *Fruticosæ.*

judaica. 1. A. fruticosa, foliis obovatis obtusis lobatis parvis, floribus paniculatis pedicellatis. *Willden. sp. pl.* 3. *p.* 1816.

Absinthium halepense tenuifolium, grati odoris, coma delicatiore. *Pluk. alm.* 2. *t.* 73. *f.* 2.

Judean Wormwood.

Nat. of the Levant.

Cult. before 1683, in the Oxford garden. *Moris. hist.* 3. *p.* 8. *n.* 9.

Fl. August. G. H. ♄.

valentina. 2. A. frutescens, foliis canis: inferioribus pinnatis: pinnis palmatis; superioribus palmatis sessilibus; floralibus sessilibus confertis, floribus paniculatis sessilibus. *Willden. sp. pl.* 3. *p.* 1816.

Absinthium incanum minus tenuifolium crispum hispanicum. *Barrel. ic.* 1011. *t.* 485.
Spanish Wormwood.
Nat. of Spain.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Absinthium 20.
Fl. July and August. F. ♄.

3. A. frutescens, caule stricto, foliis inferioribus bipinnatis; superioribus pinnatis capillaceis, calycibus pubescentibus hemisphæricis. *Willden. sp. pl.* 3. *p.* 1818. *Abrotanum.*
Abrotanum mas. *Dod. pempt.* 21.
α. caule erecto.
Common Southernwood.
β. Artemisia *humilis*, foliis setaceis pinnatifidis, caule decumbente suffruticoso. *Mill. dict. ic.* 1. *p.* 2. *t.* 2. *f.* 1.
Dwarf Southernwood.
Nat. of France, Spain, and Italy.
Cult. 1548. *Turner's names of herbes, sign Aiiij.*
Fl. August—October. H. ♄.

4. A. frutescens, caule stricto, foliis bipinnatis capillaceis; floralibus simplicibus, calycibus oblongis. *Willden. sp. pl.* 3. *p.* 1819. *tenuifolia.*
Artemisia procerior, foliis et capitulis tenuibus. *Dill. elth.* 37. *t.* 33. *f.* 37.
Fine-leaved Wormwood.
Nat.
Cult. before 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. September—December. G. H. ♄.

5. A. fruticosa, foliis tripinnatifidis sericeis cinereis: foliolis linearibus, floribus globosis, ramulis floriferis simplicibus. *Willden. sp. pl.* 3. *p.* 1820. *arborescens.*
Absinthium arborescens. *Lobel. ic.* 1. *p.* 753.
Narrow-leaved Tree Wormwood.
Nat. of the Levant.

Cult. 1640. *Park. theatr.* 93. *f.* 3.
Fl. June—August. H. ♄.

argentea. 6. A. fruticosa, foliis bipinnatifidis sericeis candidis: foliolis lanceolato-linearibus, floribus globosis, ramulis floriferis virgatis. *Willden. sp. pl.* 3. *p.* 1820.
Broad-leaved Tree Wormwood.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1777.
Fl. June and July. G. H. ♄.

** *Herbaceæ, caule simplicissimo, floribus racemosis.*

glacialis. 7. A. caule herbaceo simplicissimo, foliis omnibus palmato-multifidis candidis sericeis, floribus terminalibus glomeratis sessilibus globosis. *Willden. sp. pl.* 3. *p.* 1821. *Jacqu. austr.* 5. *p.* 46. *tab. append.* 35.
Silky Wormwood.
Nat. of Switzerland.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Absinthium *n.* 19.
Fl. July and August. H. ♃.

spicata. 8. A. caule herbaceo simplicissimo, foliis cano-sericeis: radicalibus palmato-multifidis; caulinis pinnatifidis: summis linearibus integerrimis obtusis, floribus axillaribus infimis pedunculatis. *Willden. sp. pl.* 3. *p.* 1824.
Artemisia spicata. *Jacqu. austr.* 5. *p.* 46. *tab. append.* 34.
Spiked Wormwood.
Nat. of the Alps of Switzerland and Austria.
Introd. about 1790, by Mr. William Curtis.
Fl. June and July. H. ♃.

pectinata. 9. A. caule herbaceo simplicissimo, foliis pectinato-pinnatis glabris: pinnis lineari-filiformibus, pedunculis unifloris axillaribus, squamis calycinis scariosis nitentibus. *Willden. sp. pl.* 3. *p.* 1824.

Artemisia pectinata. *Pallas it.* 3. *p.* 255. *tab. Hh. f.* 2.
Comb-leaved Wormwood.
Nat. of Dauria.
Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. H. ☉.

10. A. caule simplicissimo herbaceo, foliis bipinnatifidis subpubescentibus: laciniis lineari-lanceolatis acuminatis integerrimis, racemo nudo terminali, floribus nutantibus. *Willden. sp. pl.* 3. *p.* 1825. *tanacetifolia.*
Artemisia tanacetifolia. *Allion. pedem.* 1. *p.* 166. *t.* 10. *f.* 3.
Tansy-leaved Wormwood.
Nat. of Siberia.
Cult. before 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 20.
Fl. July and August. H. ♂.

*** *Herbaceæ, caule subramoso, floribus paniculatis, foliis compositis.*

11. A. foliis caulinis pinnatis linearibus glabris, ramis indivisis, spicis secundis reflexis, floribus subsessilibus quinquefloris. *Willden. sp. pl.* 3. *p.* 1826. *Santonica.*
Artemisia fruticosa incana ramosissima, corymbis sessilibus spicatis subrotundis, foliis superioribus linearibus brevissimis obtusiusculis. *Gmel. sib.* 2. *p.* 115. *t.* 51.
Tartarian Southernwood, or Worm-seed.
Nat. of Siberia, Tartary, and Persia.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. September—November. H. ♄.

12. A. foliis caulinis setaceis pinnatis glabris; radicalibus pinnatis multifidis sericeis, caule erecto, ramis ramulosis, floribus ovatis pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1827. *scoparia.*
Artemisia scoparia. *Waldst. et Kitaib. hung.* 1. *p.* 66. *t.* 65.

Besom Wormwood.
Nat. of Hungary and Tartary.
Introd. 1796, by Joseph Bush, Esq.
Fl. July—September. H. ⊙.

campestris. 13. A. foliis caulinis setaceis pinnatis glabris; radicalibus pinnatis: laciniis trifidis incanis, caule procumbente ramoso virgato, floribus ovatis pedunculatis. *Willden. sp. pl.* 3. *p.* 1827. *Engl. bot.* 338.
Field Southernwood.
Nat. of England.
Fl. August. H. ♃.

crithmifolia. 14. A. foliis caulinis pinnatis glabris subcarnosis: pinnis simplicibus bifidisve linearibus obtusis; floralibus indivisis linearibus, caule adscendente, floribus oblongis pedunculatis erectis. *Willden. sp. pl.* 3. *p.* 1830.
Samphire-leaved Southernwood.
Nat. of Portugal.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Abrotanum 12.
Fl. August—October. H. ♄.

palmata. 15. A. foliis subincanis: infimis pinnatis: laciniis linearibus obtusis tripartitis; superioribus pinnatis; floralibus indivisis linearibus obtusis, caule suffruticoso, calycibus oblongis sessilibus erectis subtrifloris. *Willden. sp. pl.* 3. *p.* 1833.
Palmated Wormwood.
Nat. of the South of Europe.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Absinthium 16.
Fl. June and July. G. H. ♄.

maritima. 16. A. foliis niveo-tomentosis: caulinis pinnatis linearibus obtusis; rameis linearibus simplicibus obtusis, caule adscendente ramoso, ramulis cernuis, floribus oblongis tomentosis sessilibus. *Willden. sp. pl.* 3. *p.* 1833. *Engl. bot.* 1706.
Drooping-flower'd Sea Wormwood.

Nat. of Britain.
Fl. August and September. H. ♃.

17. A. foliis incanis: radicalibus bipinnatis lineari-filiformibus; caulinis pinnatis: pinnis lineari-filiformibus, caule erecto ramoso tomentoso, ramis erectis, floribus oblongis subsessilibus erectis. *Willden. sp. pl.* 3. *p.* 1834. *gallica.*
Artemisia maritima. *Engl. bot.* 1001. *conf. pag.* 1706.
Upright-flower'd Sea Wormwood.
Nat. of Britain.
Fl. August and September. H. ♃.

18. A. foliis incanis: radicalibus bipinnatis: pinnis confertis linearibus obtusis; rameis pinnatis sessilibus; floralibus simplicibus linearibus flore brevioribus, floribus oblongis erectis sessilibus. *Willden. sp. pl.* 3. *p.* 1835. *fragrans.*
Lavender-leaved Wormwood.
Nat. of Armenia.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Absinthium 31.
Fl. June and July. H. ♃.

19. A. foliis incano-sericeis: inferioribus pinnatis: pinnis tripartitis linearibus; rameis tripartitis simplicibusque, caule erecto paniculato, floribus pedunculatis subrotundis nutantibus. *Willden. sp. pl.* 3. *p.* 1835. *austriaca.*
Artemisia austriaca. *Jacqu. austr.* 1. *p.* 61. *t.* 100.
Austrian Wormwood.
Nat. of Austria and Hungary.
Cult. 1597. *Ger. herb.* 939. *cum fig.*
Fl. August—October. H. ♃.

20. A. foliis tomentosis niveis: caulinis bipinnatis lineari-filiformibus; floralibus simplicibus, caule adscendente, panicula simplici, floribus oblongis sessilibus erectis. *Willden. sp. pl.* 3. *p.* 1837. *vallesiaca.*
Absinthium vallesianum tenuifolium candidum, sive Herba alba. *Bauh. hist.* 3. *p.* 179.

Downy Southernwood.
Nat. of Switzerland and Italy.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Absinthium 17.
Fl. July and August. H. ♃.

pontica. 21. A. foliis subtus tomentosis: caulinis bipinnatis: foliolis linearibus; rameis simplicibus, floribus subrotundis pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1810. *Jacqu. austr.* 1. *p.* 61. *t.* 99.
Roman Wormwood.
Nat. of Austria and Hungary.
Cult. 1570. *Lobel. adv.* 337.
Fl. September. H. ♃.

chamæmelifolia. 22. A. foliis glabris: inferioribus tripinnatis; superioribus bipinnatis: foliolis linearibus acutis, caule erecto, panicula virgata, floribus globosis pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1841.
Artemisia chamæmelifolia. *Villars dauph.* 3. *p.* 250. *t.* 35.
Chamomile-leaved Southernwood.
Nat. of the South of Europe and the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Abrotanum 16.
Fl. July and August. F. ♃.

annua. 23. A. foliis glabris triplicato-pinnatifidis: rameis bipinnatifidis pinnatifidisque: laciniis lanceolatis, caule erecto paniculato, floribus pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1842.
Annual Wormwood.
Nat. of Siberia.
Cult. 1741, by Mr. Ph. Miller. *R. S. n.* 952.
Fl. July and August. H. ⊙.

Absinthium. 24. A. foliis incanis: radicalibus triplicato-pinnatifidis: laciniis lanceolatis dentatis obtusis; caulinis bipinnatifidis pinnatifidisve: laciniis lanceolatis acutiusculis; floralibus indivisis lanceolatis, floribus globosis pedunculatis nutantibus. *Willden.*

den. sp. pl. 3. *p.* 1844. *Engl. bot.* 1230. *Svensk bot.* 106.
Common Wormwood.
Nat. of Britain.
Fl. July—October. H. ♃.

25. A. foliis subtus tomentosis: caulinis pinnatifidis: laciniis lanceolatis subdentatis acutis; floralibus indivisis linearibus lanceolatis, floribus subsessilibus oblongis erectis, calycibus tomentosis. *Willden. sp. pl.* 3. *p.* 1845. *Engl. bot.* 978. *vulgaris.*
Common Mug-wort.
Nat. of Britain.
Fl. August and September. H. ♃.

26. A. foliis subtus tomentosis: caulinis pinnatifidis: laciniis oblongo-lanceolatis subdentatis acutis; floralibus indivisis linearibus, floribus sessilibus oblongis erectis, calycibus glabris. *Willden. sp. pl.* 3. *p.* 1846. *indica.*
Artemisia latifolia. *Rumph. amb.* 5. *p.* 261. *t.* 91. *f.* 2.
Indian Mug-wort.
Nat. of the East Indies.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. September and October. F. ♃.

27. A. foliis lanceolatis acuminatis subtus tomentosis subdentatis, floribus ovatis subsessilibus erectis. *Willden. sp. pl.* 3. *p.* 1846. *integrifolia.*
Artemisia foliis planis lanceolato-linearibus: inferioribus sæpe ex pinnato-dentatis. *Gmel. sib.* 2. *p.* 109. *t.* 48. *f.* 1, 2.
Entire-leaved Mug-wort.
Nat. of Siberia.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. July and August. H. ♃.

28. A. foliis glabris lanceolatis acutis: caulinis apice trifidis; rameis indivisis, floribus subrotundis pedun- *japonica.*

pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1847.
Japanese Mug-wort.
Nat. of Japan.
Introd. 1804, by David Lance, Esq.
Fl. October and November. H. ♃.

cærulescens. 29. A. foliis incanis lanceolatis integerrimis: radicalibus incisis, floribus oblongis pedunculatis nutantibus. *Willden. sp. pl.* 3. *p.* 1847. *Engl. bot.* 2426.
Blueish Mug-wort.
Nat. of England.
Fl. August—October. H. ♃.

Dracunculus. 30. A. foliis glabris lanceolatis utrinque attenuatis, floribus subrotundis pedunculatis erectis. *Willden. sp. pl.* 3. *p.* 1848.
Artemisia foliis lanceolatis glabris integerrimis. *Gmel. sib.* 2. *p.* 126. *t.* 59 *et* 60. *f.* 1.
Tarragon.
Nat. of Siberia.
Cult. 1548. *Turner's names of herbes, sign Gvj.*
Fl. August. H. ♃.

GNAPHALIUM. *Gen. pl.* 1282.

Recept. nudum. *Pappus* pilosus s. plumosus. *Cal.* imbricatus, squamis marginalibus rotundatis, scariosis, coloratis.

* *Fruticosa Argyrocoma.*

eximium. 1. G. fruticosum, foliis sessilibus ovatis confertis erectis tomentosis, corymbo sessili. *Willden. sp. pl.* 3. *p.* 1849. *Curtis magaz.* 300. *Andrews's reposit.* 654.
Giant Cudweed.
Nat. of the Cape of Good Hope.
Introd. 1793, by Col. William Patterson.
Fl. July and August. G. H. ♄.

crispum. 2. G. fruticosum, foliis subtus tomentosis supra scabris:

bris: radicalibus petiolatis oblongis; caulinis amplexicaulibus undulatis. *Willden. sp. pl.* 3. *p.* 1849.
Curl'd Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1809, by Mr. James Niven.
Fl. G. H. ♄.

3. G. fruticosum, foliis sessilibus linearibus supra glabris margine revolutis, floribus subcapitatis, pedunculis elongatis. *Willden. sp. pl.* 3. *p.* 1850. *arboreum.*
Tree Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1770, by Mr. William Malcolm.
Fl. most part of the Year. G. H. ♄.

4. G. fruticosum, foliis amplexicaulibus ovato-oblongis trinerviis supra lanuginosis subtus tomentosis calloso-mucronatis, corymbo pedunculato, calycibus cylindraceis. *Willden. sp. pl.* 3. *p.* 1851. *Andrews's reposit.* 489. *grandiflorum.*
Great-flower'd Everlasting.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Elichrysum 16.
Fl. June—August. G. H. ♄.

5. G. fruticosum, foliis amplexicaulibus ovato-oblongis trinerviis acutis utrinque lanuginoso-tomentosis, corymbo coarctato subsessili, calycibus oblongis. *Willden. sp. pl.* 3. *p.* 1851. *fruticans.*
African Shrubby Everlasting.
Nat. of the Cape of Good Hope.
Cult. 1779, by John Blackburne, Esq. *Orford catal.* 31.
Fl. June—August. G. H. ♄.

6. G. fruticosum, foliis amplexicaulibus spathulatis tomentosis acutis, corymbo terminali, ramis patentibus. *Willden. sp. pl.* 3. *p.* 1854. *patulum.*
Spreading Everlasting.
Nat. of the Cape of Good Hope.

Cult. 1771, by Mr. William Malcolm.
Fl. August—January. G. H. ♄.

cephalotes. 7. G. fruticosum, foliis lineari-lanceolatis mucronatis margine revolutis subtus tomentosis, floribus sessilibus capitatis terminalibus. *Willden. sp. pl.* 3. *p.* 1856.
Frutex æthiopicus cineraceus, foliis Nepæ aculeatis, flosculis albis coronatus. *Pluk. phyt. t.* 410. *f.* 2.
Large-headed Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1789, by Mr. Francis Masson.
Fl. November—January. G. H. ♄.

ericoides. 8. G. fruticosum, foliis sessilibus linearibus, calycibus exterioribus rudibus; interioribus incarnatis. *Willden. sp. pl.* 3. *p.* 1861. *Curtis magaz.* 435.
Heath-leaved Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. March—August. G. H. ♄.

** *Fruticosa Chrysocoma.*

Stœchas. 9. G. fruticosum, foliis linearibus, corymbo composito, ramis virgatis. *Willden. sp. pl.* 3. *p.* 1803.
Stœchas citrina. *Dod. pempt.* 268.
Common shrubby Everlasting.
Nat. of Germany, France, and Spain.
Cult. 1629. *Park. parad.* 374. *n.* 4.
Fl. June—October. H. ♄.

ignescens. 10. G. fruticosum, foliis sublanceolatis tomentosis sessilibus, corymbis alternis conglobatis, floribus globosis. *Willden. sp. pl.* 3. *p.* 1863.
Red-flower'd Everlasting.
Nat.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Elichrysum 8.
Fl. June—October. G. H. ♄.

crassifolium. 11. G. fruticosum, foliis lato-lanceolatis subpetiolatis

coriaceis tomentosis, corymbo composito, caule prolifero. *Willden. sp. pl.* 3. *p.* 1865.
Thick-leaved Everlasting.
Nat. of the Balearic Islands.
Introd. 1774, by Mons. Richard.
Fl. July—September. G. H. ♄.

12. G. fruticosum ramosissimum, foliis lanceolatis acutiusculis sessilibus, calycinis squamis intimis aureis. *Willden. sp. pl.* 3. *p.* 1866. *maritimum.*
Sea Everlasting.
Nat. of the Cape of Good Hope.
Introd. about 1772.
Fl. June—August. G. H. ♄.

*** *Herbacea Chrysocoma.*

13. G. herbaceum, foliis sessilibus oblongis tomentosis, corymbis inæqualibus, calycibus glabris cylindricis sessilibus. *Willden. sp. pl.* 3. *p.* 1867. *cylindricum.*
Gnaphalium æthiopicum minus ramosum, capitulis coccineis. *Pluk. alm.* 172. *t.* 298. *f.* 4.
Cylindrical Everlasting.
Nat. of the Cape of Good Hope.
Cult. before 1750, by John Fothergill, M. D. *Hort. upton.* 29.
Fl. G. H. ♃.

14. G. suffruticosum, foliis lineari-lanceolatis incanis: radicalibus obtusis; caulinis acutis, corymbo composito, pedunculis elongatis. *Willden. sp. pl.* 3. *p.* 1867. *orientale.*
Elichrysum africanum frutescens, angustis et longioribus foliis incanis. *Commel. hort.* 2. *p.* 109. *t.* 55.
α. Elichrysum orientale. *Bauh. pin.* 264.
Broad-leaved Eastern Everlasting.
β. Gnaphalium (*fruticosum*) frutescens, foliis inferne lanceolatis, caulinis lineari-lanceolatis utrinque tomentosis, corymbo composito terminali. *Mill. dict.*
Narrow-leaved Eastern Everlasting.

Nat. of Africa.
Cult. 1629. *Park. parad.* 374. *n.* 3.
Fl. April—August. G. H. ♄.

arenarium. 15. G. herbaceum, foliis incanis tomentosis obtusis: radicalibus spathulato-lanceolatis; caulinis lineari-lanceolatis, corymbo composito. *Willden. sp. pl.* 3. *p.* 1867.
Stœchas citrina germanica, latiore folio. *Bauh. hist.* 3. *p.* 153.
Sand Everlasting.
Nat. of Europe.
Cult. 1739. *Mill. dict. vol.* 2. Elichrysum 3.
Fl. July—September. H. ♃.

rutilans. 16. G. herbaceum, foliis lanceolatis, corymbo decomposito, caule inferne ramoso. *Willden. sp. pl.* 3. *p.* 1869.
Elichrysum africanum, folio oblongo angusto, flore rubello postea aureo. *Dill. elth.* 127. *t.* 107. *f.* 127.
Shining-flower'd Everlasting.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *R. S. n.* 469.
Fl. June and July. G. H. ♃.

cymosum. 17. G. herbaceum, foliis lanceolatis trinerviis supra glabris, racemo terminali, caule inferne ramoso. *Willden. sp. pl.* 3. *p.* 1869.
Elichrysum africanum, folio oblongo subtus cano supra viridi, flore luteo. *Dill. elth.* 128. *t.* 107. *f.* 128.
Branching Everlasting.
Nat. of Africa.
Cult. 1731, by Mr. Ph. Miller. *R. S. n.* 468.
Fl. April—August. G. H. ♄.

luteo-album. 18. G. herbaceum, foliis semiamplexicaulibus lineari-lanceolatis subrepandis utrinque pubescentibus: inferioribus obtusis; superioribus acutis, corymbo glomerato. *Willden. sp. pl.* 3. *p.* 1871. *Engl. bot.* 1002.

Jersey Cudweed.
Nat. of England.
Fl. July and August. H. ⊙.

19. G. herbaceum niveo-tomentosum, foliis lineari-lanceolatis, caule erecto inferne indiviso, ramis terminalibus fastigiatis, floribus confertis conicis. *Willden. sp. pl.* 3. *p.* 1871. *albescens.*
White Jamaica Everlasting.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

20. G. herbaceum, foliis subspathulatis tomentosis apice nudis membranaceis subulatisve, floribus paniculatis, calycinis squamis ciliatis. *Labillard. nov. holl.* 2. *p.* 43. *t.* 188. *apiculatum.*
New Holland Everlasting.
Nat. of Van Diemen's Island.
Introd. 1804, by Col. William Paterson.
Fl. most part of the Year. G. H. ♃.

21. G. herbaceum, foliis decurrentibus obtusis mucronatis utrinque tomentosis planis. *Willden. sp. pl.* 3. *p.* 1872. *odoratissimum.*
Elichrysum foliis linearibus decurrentibus subtus incanis, floribus corymbosis. *Mill. ic.* 1. *p.* 88. *t.* 131. *f.* 2.
Sweet-scented Everlasting.
Nat. of the Cape of Good Hope.
Cult. 1691, in the Royal garden at Hampton-court. *Pluk. phyt.* 173. *f.* 6.
Fl. April—August. G. H. ♄.

**** *Herbacea Argyrocoma.*

22. G. herbaceum, foliis decurrentibus lanceolatis tomentosis planis apiculo nudo terminatis. *Willden. sp. pl.* 3. *p.* 1874. *sanguineum.*
Baccharis dioscoridis. *Rauw. it.* 285. *tab.* 37.
Egyptian bloody Everlasting.

Nat. of Egypt.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 19.
Fl. May—July. H. ♃.

fœtidum. 23. G. herbaceum, foliis amplexicaulibus integerrimis acutis subtus tomentosis, caule ramoso. *Willden. sp. pl.* 3. *p.* 1875.
Elichrysum africanum latifolium fœtidum, capitulo argenteo et aureo. *Commel. hort.* 2. *p.* 111. *t.* 56.
Strong-scented Everlasting.
Nat. of the Cape of Good Hope.
Cult. 1692, by Mr. George London. *Pluk. phyt.* 243. *f.* 1.
Fl. June—September. H. ♂.

undulatum. 24. G. herbaceum, foliis decurrentibus lanceolatis acutis undulatis subtus tomentosis, caule ramoso. *Willden. sp. pl.* 3. *p.* 1875.
Elichrysum graveolens acutifolium, alato caule. *Dill. elth.* 130. *t.* 108. *f.* 130.
Wave-leaved Everlasting.
Nat. of Africa.
Cult. 1732, by James Sherard, M.D. *Dill. elth. loc. cit.*
Fl. June—September. G. H. ⊙.

helianthemifolium. 25. G. herbaceum, foliis subamplexicaulibus lanceolatis, corymbis compositis, calycum squamis subplicatis. *Willden. sp. pl.* 3. *p.* 1876.
Gnaphalium africanum, floribus minimis albicantibus. *Volck. norib.* 194. *cum tab.*
Dwarf Cistus-leaved Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July—October. G. H. ♃.

obtusifolium. 26. G. herbaceum erectum, foliis lineari-lanceolatis acutiusculis supra glabris subtus pubescentibus, caule paniculato tomentoso, corymbis terminalibus coarctatis. *Willden. sp. pl.* 3. *p.* 1880.

Elichrysum obtusifolium, capitulis argenteis conglobatis. *Dill. elth.* 130. *t.* 108. *f.* 131.
Blunt-leaved Everlasting.
Nat. of North America.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 88. *n.* 21.
Fl. July—September. H. ⊙.

27. G. herbaceum, foliis lineari-lanceolatis acuminatis alternis, caule superne ramoso, corymbis fastigiatis. *Willden. sp. pl.* 3. *p.* 1881. *Engl. bot.* 2018. *margaritaceum.*
American Cudweed. Pearly Everlasting.
Nat. of England.
Fl. July—September. H. ♃.

28. G. sarmentis procumbentibus, caule simplicissimo, foliis radicalibus ovatis nervosis, corymbo coarctato, floribus dioicis, squamis calycinis interioribus elongatis obtusis coloratis. *Willden. sp. pl.* 3. *p.* 1882. *plantaginifolium.*
Gnaphalium plantaginis folio, virginianum. *Pluk. alm.* 171. *t.* 348. *f.* 9.
Plantain-leaved Everlasting.
Nat. of Virginia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 22.
Fl. June and July. H. ♃.

29. G. sarmentis procumbentibus, caule simplicissimo, foliis radicalibus spathulatis, corymbo coarctato, floribus dioicis, calycinis squamis interioribus elongatis obtusis coloratis. *Willden. sp. pl.* 3. *p.* 1882. *Engl. bot.* 267. *Select specim.* 8. *Svensk bot.* 148. *dioicum.*
Diœcious Cudweed, or Cat's-foot.
Nat. of Britain.
Fl. May—July. H. ♃.

30. G. caule non sarmentoso simplicissimo, foliis radicalibus lanceolatis, floribus terminalibus aggregatis sessilibus, calycinis squamis interioribus *alpinum.*

elongatis acutis membranaceis. *Willden. sp. pl.* 3. *p.* 1883. *Fl. dan.* 332.
Alpine Everlasting.
Nat. of the Alps of Europe.
Introd. 1775, by the Doctors Pitcairn and Fothergill.
Fl. June and July. H. ♃.

purpureum. 31. G. herbaceum, foliis lineari-spathulatis subtus tomentosis, caule erecto simplicissimo, floribus sessilibus terminalibus et axillaribus. *Willden. sp. pl.* 3. *p.* 1884.
Elichrysum spicatum obtusifolium basi angustiore. *Dill. elth.* 131. *t.* 109. *f.* 132.
Purple-flower'd Everlasting.
Nat. of South America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. June—September. G. H. ♂.

***** *Filaginoidea.*

sylvaticum. 32. G. caule herbaceo simplicissimo erecto, foliis lanceolatis utrinque attenuatis et lanatis, floribus terminalibus axillaribusque sessilibus spicatis. *Willden. sp. pl.* 3. *p.* 1884. *Engl. bot.* 913.
Highland Cudweed.
Nat. of Britain.
Fl. August. H. ♃.

rectum. 33. G. caule herbaceo erecto simplici, foliis lineari-lanceolatis subtus sericeis, floribus terminalibus et axillaribus sessilibus spicatis. *Willden. sp. pl.* 3. *p.* 1885. *Engl. bot.* 124.
Upright Wood Cudweed.
Nat. of Britain.
Fl. August. H. ♃.

supinum. 34. G. caule decumbente simplicissimo racemoso paucifloro, foliis lineari-lanceolatis utrinque subtomentosis. *Smith fl. brit.* 2. *p.* 871. *Engl. bot.* 1193.

Gnaphalium supinum. *Willden. sp. pl.* 3. *p.* 1888.
Dwarf Cudweed.
Nat. of Scotland.
Fl. June and July. H. ♃.

35. G. herbaceum, foliis lineari-lanceolatis, calycibus *declinatum.*
radio albo lanceolato. *Willden. sp. pl.* 3.
p. 1890.
Creeping Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1787, by Mr. Francis Masson.
Fl. July—September. G. H. ♃.

36. G. caule herbaceo ramoso diffuso lanato, foliis li- *uliginosum.*
neari-lanceolatis utrinque angustatis tomentosis,
floribus terminalibus congestis. *Willden. sp.*
pl. 3. *p.* 1891. *Engl. bot.* 1194. *Fl. dan.* 859.
Marsh Cudweed.
Nat. of Britain.
Fl. August. H. ⊙.

37. G. caule herbaceo diffuso, calycinis squamis infe- *glomera-*
rioribus subulatis nudis, foliis subamplexicauli- *tum.*
bus. *Willden. sp. pl.* 3. *p.* 1891.
Cluster-flower'd Everlasting.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. March—September. G. H. ♃.

38. G. caule herbaceo simplicissimo, foliis lineari- *Leontopo-*
lanceolatis subtus tomentosis, floribus termina- *dium.*
libus sessilibus aggregatis, bracteis lanceolatis
lanatis radiato-patentibus, calycibus villosis.
Willden. sp. pl. 3. *p.* 1892.
Gnaphalium Leontopodium. *Jacqu. austr.* 1. *p.* 54.
t. 86.
Lion's-foot Cudweed.
Nat. of Austria and Switzerland.
Introd. 1776, by Professor de Saussure.
Fl. June and July. H. ♃.

39. G. herbaceum, caule erecto dichotomo, foliis li- *germani-*

neari-lanceolatis tomentosis acutis, floribus globoso-capitatis alaribus terminalibusque. *Willden. sp. pl.* 3. *p.* 1894. *Engl. bot.* 948.
Filago germanica. *Fl. dan.* 997.
Common Cudweed.
Nat. of Britain.
Fl. June—August. H. ⊙.

gallicum. 40. G. herbaceum, caule erecto subdichotomo, foliis linearibus acuminatis canescentibus, floribus confertis alaribus terminalibusque. *Willden. sp. pl.* 3. *p.* 1895. *Engl. bot.* 2369.
Narrow-leaved Cudweed.
Nat. of England.
Fl. June—August. H. ⊙.

pyramidatum. 41. G. herbaceum, caule erecto subdichotomo, foliis lanceolato-spathulatis pubescentibus, floribus confertis alaribus terminalibusque. *Willden. sp. pl.* 3. *p.* 1895.
Pyramidal Cudweed.
Nat. of the South of Europe.
Cult. 1779, by John Blackburne, Esq. *Orford catal.* 27. Filago 2.
Fl. June—August. H. ⊙.

minimum. 42. G. herbaceum, caule erecto ramoso, foliis lanceolatis canescentibus, floribus confertis solitariisque lateralibus et terminalibus. *Willden. sp. pl.* 3. *p.* 1896.
Gnaphalium minimum. *Engl. bot.* 1157.
Least Cudweed.
Nat. of Britain.
Fl. July and August. H. ⊙.

XERANTHEMUM. *Gen. pl.* 1285.

Recept. paleaceum. *Pappus* paleaceo-setaceus. *Cal.* imbricatus, radiatus: radio colorato.

annuum. 1. X. calycinis squamis obtusis scariosis: interioribus radii lanceolatis obtusis patentibus. *Willden.*

den. sp. pl. 3. *p.* 1901. *Jacqu. austr.* 4. *p.* 46. *t.* 388.
Annual Xeranthemum.
Nat. of the South of Europe.
Cult. 1570. *Lob. adv.* 235.
Fl. July and August. H. ⊙.

2. X. calycinis squamis acutis margine membranaceis: interioribus radii lanceolatis acutis conniventibus. *Willden. sp. pl.* 3. *p.* 1902. *inapertum.*
Xeranthemum oleæ folio, capitulis simplicibus, incanum, fœtens, flore purpurascente minore. *Moris. hist.* 3. *p.* 43. *s.* 6. *t.* 12. *f.* 1.
Small-flower'd Xeranthemum.
Nat. of the South of Europe.
Cult. 1620, by Mr. John Goodyer. *Ger. emac.* 606.
Fl. July and August. H. ⊙.

3. X. calycinis squamis subrotundis scariosis: interioribus radii ovatis acuminatis erectis, paleis pappi ovatis aristatis calyce longioribus. *Willden. sp. pl.* 3. *p.* 1902. *orientale.*
Oriental Xeranthemum.
Nat. of the Levant.
Cult. 1713. *Philosoph. transact. n.* 337. *p.* 187. *n.* 37.
Fl. July and August. H. ⊙.

ELICHRYSUM.

Recept. nudum. *Pappus* pilosus vel plumosus. *Cal.* imbricatus, radiatus: radio colorato.

1. E. fruticosum erectum, foliis sessilibus lanceolato-linearibus lanato-tomentosis, ramis unifloris, calycis squamis acutissimis intactis, pappo piloso. *vestitum.*
Elichrysum vestitum. *Willden. sp. pl* 3. *p.* 1903.
Xeranthemum frutescens lanuginosum, foliis longis mollibus, flore argenteo amplissimo. *Burm. afr.* 177. *t.* 66. *f.* 1.
Upright Elichrysum.
Nat. of the Cape of Good Hope.

Introd. 1774, by Mr. Francis Masson.
Fl. July—September. G. H. ♄.

spirale. 2. E. fruticosum erectum, foliis sessilibus lineari-lanceolatis lanato-tomentosis, ramis unifloris, calycis squamis obtusiusculis, pappo plumoso.
Elichrysum spirale. *Willden. sp. pl.* 3. *p.* 1903.
Xeranthemum spirale. *Andrews's reposit.* 262.
Xeranthemum variegatum. *Botan. magaz.* 776.
Spiral-leaved Elichrysum.
Nat. of the Cape of Good Hope.
Introd. 1800, by Montague Burgoyne, Esq.
Fl. July—September. G. H. ♄.

speciosissimum. 3. E. fruticosum erectum, foliis sessilibus lanceolato-obovatis acutis trinerviis lanato-tomentosis, ramis unifloris. *Willden. sp. pl.* 3. *p.* 1904.
Xeranthemum speciosissimum. *Andrews's reposit.* 51.
Showy Elichrysum.
Nat. of the Cape of Good Hope.
Cult. 1691. *Raj. hist.* 3. *p.* 182. *n.* 13.
Fl. July—September. G. H. ♄.

fulgidum. 4. E. suffruticosum erectum, foliis amplexicaulibus ovato-lanceolatis subtus pubescentibus margine tomentosis, ramis subtrifloris. *Willden. sp. pl.* 3. *p.* 1904.
Xeranthemum fulgidum. *Curtis magaz.* 414.
Great yellow-flower'd Elichrysum.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. February—October. G. H. ♄.

proliferum. 5. E. fruticosum ramosum diffusum proliferum, foliis subrotundo-ovatis glabris convexis arcte imbricatis, floribus sessilibus. *Willden. sp. pl.* 3. *p.* 1905.
Xeranthemum proliferum. *Andrews's reposit.* 374.
Proliferous Elichrysum.

Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. May—November. G. H. ♄.

6. E. fruticosum erectum, foliis oblongis obtusis imbricatis, ramis unifloris, squamis calycinis ovatis. *Willden. sp. pl.* 3. *p.* 1906. *canescens.*
Xeranthemum canescens. *Curtis magaz.* 420.
Elegant Elichrysum.
Nat. of the Cape of Good Hope.
Introd. 1794, by Mr. Thomas Barr.
Fl. August—April. G. H. ♄.

7. E. fruticosum ramosum decumbens, foliis lanceolatis sericeis subrecurvatis, ramulis unifloris, pedunculis squamosis. *Willden. sp. pl.* 3. *p.* 1907. *retortum.*
Xeranthemoides procumbens, polii folio. *Dill. elth.* 433. *t.* 322. *f.* 415.
Trailing Elichrysum.
Nat. of the Cape of Good Hope.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. July and August. G. H. ♄.

8. E. fruticosum erectum, foliis acerosis linearibus carinatis glabris adpressis, ramis unifloris, floribus sessilibus. *Willden. sp. pl.* 3. *p.* 1908. *sesamoides.*
Xeranthemum sesamoides. *Botan. magaz.* 425.
Superb Elichrysum.
Nat. of the Cape of Good Hope.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 17.
Fl. April—June. G. H. ♄.

9. E. fruticosum erectum, foliis acerosis linearibus subteretibus supra tomentosis: inferioribus patulis; superioribus adpressis, ramis unifloris, pedunculis squamosis. *Willden. sp. pl.* 3. *p.* 1909. *fasciculatum.*
α. Xeranthemum fasciculatum. *Andrews's reposit.* 242.

Xeranthemum sesamoides γ. *Botan. magaz.* 763.
Bundle-leaved Elichrysum.

β. Xeranthemum fasciculatum, flore albo. *Andrews's reposit.* 279.
White-flower'd Bundle-leaved Elichrysum.

γ. Xeranthemum fasciculatum, flore rubro. *Andrews's reposit.* 650.
Red-flower'd Bundle-leaved Elichrysum.
Nat. of the Cape of Good Hope. Mr. *James Niven.*
Introd. 1799, by George Hibbert, Esq.
Fl. March—September. G. H. ♄.

Stæhelina. 10. E. fruticosum erectum, foliis oblongo-lanceolatis basi attenuatis sericeis, pedunculis nudis unifloris terminalibus. *Willden. sp. pl.* 3. *p.* 1910.
Elichrysum Stæhelina. *Andrews's reposit.* 428.
Stæhelina-like Elichrysum.
Nat. of the Cape of Good Hope. Mr. *James Niven.*
Introd. 1801, by George Hibbert, Esq.
Fl. December and January. G. H. ♄.

rigidum. 11. E. fruticosum, foliis lineari-lanceolatis canaliculatis amplexicaulibus: adultis glabris, ramis lanatis, floribus corymboso-paniculatis.
Xeranthemum rigidum. *Andrews's reposit.* 387.
Rigid-leaved Elichrysum.
Nat. of the Cape of Good Hope. Mr. *James Niven.*
Introd. 1801, by George Hibbert, Esq.
Fl. May and June. G. H. ♄.

bracteatum. 12. E. herbaceum erectum, foliis lanceolatis utrinque acutis scabriusculis, pedunculis unifloris elongatis, calycibus bracteatis. *Willden. enumer.* 869.
Helichrysum chrysanthum. *Persoon synops.* 2. *p.* 414.
Xeranthemum bracteatum. *Andrews's reposit.* 375. *Venten. malmais.* 2.
Wave-leaved Elichrysum.

Nat. of New Holland. Col. *William Paterson.*
Introd. 1790, by Messrs. Colville.
Fl. July—October. H. ⊙.

CARPESIUM. *Gen. pl.* 1284.

Recept. nudum. *Pappus* nullus. *Cal.* imbricatus: squamis exterioribus reflexis.

1. C. floribus terminalibus solitariis cernuis. *Willden. sp. pl.* 3. *p.* 1912. *Jacqu. austr.* 3. *p.* 2. *t.* 204. *cernuum.*
Drooping Carpesium.
Nat. of Italy, Spain, and Austria.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Asteriscus 5.
Fl. July and August. H. ♃.

2. C. floribus axillaribus subsolitariis. *Willden. sp. pl.* 3. *p.* 1913. *abrotanoides.*
Carpesium abrotanoides. *Osb. it. t.* 10.
Southernwood-like Carpesium.
Nat. of China and Japan.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 2.
Fl. July and August. H. ♃.

BACCHARIS. *Gen. pl.* 1285.

Recept. nudum. *Pappus* pilosus. *Cal.* imbricatus, cylindricus. *Flosculi* feminei hermaphroditis immixti.

1. B. foliis lanceolatis longitudinaliter dentato-serratis. *Willden. sp. pl.* 3. *p.* 1913. *Schkuhr handb.* 3. *p.* 94. *t.* 244. *ivæfolia.*
Peruvian Plowman's Spikenard.
Nat. of America.
Cult. 1696, in Chelsea garden. *Pluk. alm.* 400. *t.* 328. *f.* 2.
Fl. July and August. G. H. ♄.

2. B. foliis lanceolatis superne uno alterove denticulo serratis. *Willden. sp. pl.* 3. *p.* 1914. *neriifolia.*
Oleander-

Oleander-leaved Plowman's Spikenard.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 2.
Fl. August—November. G. H. ♄.

halimifolia. 3. B. foliis obovatis superne emarginato-crenatis. *Willden. sp. pl.* 3. *p.* 1915. *Schmidt arb. t.* 82.
Sea-purslane-leaved Plowman's Spikenard, or Groundsel-tree.
Nat. of Virginia.
Cult. before 1683, by Bishop Compton. *Ray's letters* 171. Senecio arboresc.
Fl. October and November. H. ♄.

fœtida. 4. B. foliis lanceolatis serrato-dentatis, corymbis foliosis. *Willden. sp. pl.* 3. *p.* 1918.
Conyza americana frutescens fœtidissima. *Dill. elth.* 106. *t.* 89. *f.* 105.
Strong-scented Plowman's Spikenard.
Nat. of Virginia.
Cult. before 1704, by the Duchess of Beaufort. *Raj. hist.* 3. *p.* 190. *n.* 37.
Fl. August—October. G. H. ♃.

CONYZA. *Gen. pl.* 1286.

Recept. nudum. *Pappus* simplex. *Cal.* imbricatus, subrotundus. *Cor.* radii trifidæ.

squarrosa. 1. C. foliis scabris: caulinis ovato-oblongis serratis; rameis oblongo-lanceolatis subintegerrimis, caule herbaceo corymboso, calycibus squarrosis. *Willden. sp. pl.* 3. *p.* 1918. *Engl. bot.* 1195.
Great Flea-bane.
Nat. of Britain.
Fl. July and August. H. ♂.

patula. 2. C. foliis ellipticis serratis subtus villosis, calycibus subglobosis: foliolis lanceolato-subulatis, ramis patulis. *Willden. sp. pl.* 3. *p.* 1919.
Serratula foliis oblongo-ovatis obtuse dentatis, caule

caule ramoso patulo, calycibus subrotundis mollibus. *Mill. ic.* 2. *p.* 165. *t.* 247.
Spreading Flea-bane.
Nat. of China.
Cult. before 1758, by Mr. Ph. Miller. *Mill. ic. loc. citat.*
Fl. July—September. S. ⊙.

3. C. foliis spathulato-oblongis amplexicaulibus serratis rugosis. *Willden. sp. pl.* 3. *p.* 1920. *bifrons.*
Eupatoria conyzoides maxima canadensis, foliis caulem amplexantibus. *Pluk. alm.* 141. *t.* 87. *f.* 4.
Oval-leaved Flea-bane.
Nat. of Canada.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 2.
Fl. August and September. H. ♃.

4. C. foliis ovatis petiolatis integerrimis obtusis tomentosis, pedunculis unifloris solitariis terminalibus axillaribusque incrassatis. *Willden. sp. pl.* 3. *p.* 1923. *candida.*
Jacobæa cretica incana, integro limonii folio. *Barrel. ic.* 1059. *t.* 217.
Woolly Flea-bane.
Nat. of the Island of Candia.
Cult. 1714, by the Duchess of Beaufort. *Br. Mus. H. S.* 131. *fol.* 8.
Fl. June and July. F. ♄.

5. C. foliis lanceolato-ovatis reflexo-serratis subtus tomentosis, floribus terminalibus congestis. *Willden. sp. pl.* 3. *p.* 1926. *chinensis.*
Senecio amboinicus. *Rumph. amb.* 6. *p.* 36. *t.* 14. *f.* 2.
Chinese Flea-bane.
Nat. of China and the East Indies.
Cult. 1796, by W. B. Coyte, M. D. *Hort. Gippov.* 107.
Fl. July and August. S. ♂.

6. C. foliis ovalibus integerrimis subtus hirsutis. *Willden. sp. pl.* 3. *p.* 1926. *hirsuta.*

Shaggy Flea-bane.
Nat. of China.
Cult. 1767, by Mr. Philip Miller. *R. S. n.* 2258.
Fl. August and September. G. H. ♂.

ægyptiaca. 7. C. foliis oblongo-spathulatis dentatis pilosis, floribus subpaniculatis globosis, foliolis calycinis subulatis mollibus. *Willden. sp. pl.* 3. *p.* 1927.
Erigeron ægyptiacum. *Jacqu. hort. vindob.* 3. *p.* 14. *t.* 19.
Egyptian Flea-bane.
Nat. of Egypt.
Introd. 1778, by Mons. Thouin.
Fl. July. S. ⊙.

Gouani. 8. C. foliis lanceolatis apice serratis margine scabris: inferioribus obovatis, floribus congestis, foliolis calycinis lanceolatis margine membranaceis. *Willden. sp. pl.* 3. *p.* 1928.
Erigeron Gouani. *Jacqu. hort. vindob.* 3. *p.* 43. *t.* 79.
Gouan's Flea-bane.
Nat. of the Canary Islands.
Introd. 1772, by Mons. Richard.
Fl. July and August. G. H. ♂.

Sicula. 9. C. foliis lineari-lanceolatis scabris subintegerrimis margine revolutis, caule paniculato, pedunculis unifloris foliosis, squamis calycinis inferioribus laxis. *Willden. sp. pl.* 3. *p.* 1931.
Conyza sicula annua, foliis atro-virentibus, caule rubente. *Boccon. sic.* 62. *t.* 31. *f.* 4.
Red-stalk'd Flea-bane.
Nat. of Sicily.
Introd. 1779, by John Fothergill, M. D.
Fl. August and September. H. ⊙.

fœtida. 10. C. foliis linearibus basi attenuatis mucronatis, corymbis pedunculatis coarctatis terminalibus. *Willden. sp. pl.* 3. *p.* 1932.
Senecio africanus folio retuso. *Mill. ic.* 2. *p.* 155. *t.* 233.
Stinking Flea-bane.

Nat. of Africa.
Cult. 1722, in Chelsea garden. *R. S. n.* 11.
Fl. August—November. G. H. ♃.

11. C. foliis linearibus integerrimis, pedunculis longis trifloris, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 1932. *sordida.*
Stœchas citrina spuria, longioribus foliis. *Barrel. ic.* 977. *t.* 368.
Small-flower'd Flea-bane.
Nat. of the South of Europe.
Cult. 1570, by Matthias de L'Obel. *Lobel. adv.* 203.
Fl. July—September. G. H. ♄.

12. C. foliis linearibus subdentatis, pedunculis longissimis unifloris, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 1933. *Schkuhr handb.* 3. *p.* 80. *t.* 241. *saxatilis.*
Stone Flea-bane.
Nat. of the South of Europe.
Cult. 1640. *Park. theatr.* 69. *n.* 12.
Fl. July and August. G. H. ♄.

13. C. foliis spathulatis subdentatis cauleque suffruticoso-tomentosis, pedunculis elongatis unifloris. *Willden. sp. pl.* 3. *p.* 1933. *Schmidel ic.* 140. *t.* 36. *rupestris.*
Rock Flea-bane.
Nat. of Arabia.
Introd. 1790, by Baron Hake.
Fl. G. H. ♄.

14. C. foliis lineari-filiformibus caulibusque tomentoso-sericeis, floribus paniculatis. *Willden. sp. pl.* 3. *p.* 1934. *sericea.*
Snowy Flea-bane.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. G. H. ♄.

15. C. foliis cuneiformi-linearibus obtusis crenato-denti- *inuloides.*

denticulatis glabris, caule fruticoso, antheris bisetis. *Willden. sp. pl.* 3. *p.* 1938.
Chrysocoma dichotoma. *Jacqu. ic.* 1. *t.* 171.
Cluster-flower'd Flea bane.
Nat. of the Island of Teneriffe. Mr. *Fr. Masson.*
Introd. 1780.
Fl. July and August. G. H. ♄.

odorata. 16. C. fruticosa, foliis ovatis petiolatis subtus canis serratis, corymbo terminali composito. *Willden. sp. pl.* 3. *p.* 1944.
Conyza arborescens purpurea, folio verbasci dentato. *Plum. ic.* 85. *t.* 97.
Sweet-scented Flea-bane.
Nat. of both Indies.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 17.
Fl. June—August. S. ♄.

arborescens. 17. C. foliis ovatis integerrimis acutis subtus tomentosis, spicis recurvatis secundis, bracteis reflexis. *Willden. sp. pl.* 3. *p.* 1944.
Tree Flea-bane.
Nat. of Jamaica.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. *n.* 9.
Fl. November and December. S. ♄.

rugosa. 18. C. fruticosa, foliis cuneiformibus serratis villosis rugosis reticulatis, pedunculis villosis unifloris, floribus radiatis.
Solidago spuria. *Willden. sp. pl.* 3. *p.* 2053.
St. Helena Flea-bane.
Nat. of the Island of St. Helena.
Introd. 1772, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. November. G. H. ♄.

incisa. 19. C. foliis ovatis subcordatis piloso-viscosis dentatis basi auriculatis, disco receptaculi favoso. *Willden. sp. pl.* 3. *p.* 1945.
Ear-leaved Flea-bane.

Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June—August. G. H. ♄.

20. C. foliis decurrentibus lineari-lanceolatis serrulatis subtus tomentosis, spica terminali elongata interrupta. *Willden. sp. pl.* 3. *p.* 1949. *virgata.*
Wing-stalk'd Flea-bane.
Nat. of Carolina and the West Indies.
Introd. 1783, by Mr. William Young.
Fl. August and September. G. H. ♃.

MADIA. *Molin. chil.* 113.

Recept. nudum. *Pappus* nullus. *Cal.* duplex: exterior 8- vel 10-phyllus, æqualis, interiore longior; interior polyphyllus.

1. M. foliis lanceolatis sessilibus viscosis, calycibus exterioribus decaphyllis. *Willden. sp. pl.* 3. *p.* 1952. *viscosa.*
Madia mellosa. *Jacqu. hort. schœnbr.* 3. *p.* 29. *t.* 302.
Clammy Madia.
Nat of Chili. *Archibald Menzies,* Esq.
Introd. 1794.
Fl. July and August. H. ⊙.

ERIGERON. *Gen. pl.* 1287.

Recept. nudum. *Pappus* pilosus. *Cor.* radii lineares, angustissimæ.

1. E. foliis sublinearibus integerrimis, ramis lateralibus multifloris. *Willden. sp. pl.* 3. *p.* 1952. *graveolens.*
Coniza minor vera. *Lobel. ic.* 1. *p.* 346.
Strong-smelling Erigeron.
Nat. of the South of Europe.
Cult. 1633. *Ger. emac.* 481. *f.* 2.
Fl. July and August. H. ⊙.

2. E. caule paniculato, floribus subsolitariis terminalibus, *carolinianum.*

nalibus, foliis linearibus integerrimis. *Willden. sp. pl.* 3. *p.* 1953.
Virga aurea carolinensis, linariæ monspessulanæ foliis. *Dill. elth.* 412. *t.* 306. *f.* 394.
Carolina Erigeron.
Nat. of North America.
Cult. before 1727, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. July and August. H. ♃.

canadense. 3. E. caule floribusque paniculatis hirtis, foliis lanceolatis ciliatis. *Willden. sp. pl.* 3. *p.* 1954. *Engl. bot.* 2019.
Canada Erigeron.
Nat. of England.
Fl. August—September. H. ⊙.

bonariense. 4. E. foliis inferioribus lanceolatis laciniatis; caulinis linearibus, floribus racemosis. *Willden. sp. pl.* 3. *p.* 1954.
Senecio bonariensis purpurascens, foliis imis coronopi. *Dill. elth.* 344. *t.* 257. *f.* 334.
Buck's-horn Erigeron.
Nat. of South America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. July and August. H. ⊙.

philadelphicum. 5. E. caule multifloro, foliis lanceolatis subserratis: caulinis semiamplexicaulibus, flosculis radii capillaceis longitudine disci. *Willden. sp. pl.* 3. *p.* 1957.
Spreading Erigeron.
Nat. of North America.
Introd. about 1778.
Fl. June—August. H. ♃.

nudicaule. 6. E. glabellum, foliis ovali-lanceolatis acutis subdentatis, caule simplicissimo subaphyllo elongato, corymbo paucifloro, floribus pedunculatis, radiis longitudine calycis. *Michaux amer.* 2. *p.* 124.

Naked-stalk'd Erigeron.
Nat. of Carolina.
Introd. 1812, by Mr. John Lyon.
Fl. July. H. ♃.

7. E. caule multifloro piloso, foliis oblongis subdentatis amplexicaulibus, corollis radii capillaceis disco longioribus. *Willden. sp. pl.* 3. *p.* 1958. *purpureum.*
Purple Erigeron.
Nat. of Hudson's-bay.
Introd. 1776, by Messrs. Gordon and Græffer.
Fl. July and August. H. ♃.

8. E. foliis lanceolatis trinerviis scabris subdentatis sessilibus, caule paniculato, radio disco breviore. *Willden. sp. pl.* 3. *p.* 1958. *Villarsii.*
Erigeron Villarsii. *Bellardi app. ad fl. pedem.* 38. *t.* 7.
Villars's Erigeron.
Nat. of Piedmont.
Introd. 1804, by Mr. Holboël.
Fl. July and August. H. ♃.

9. E. pedunculis alternis unifloris. *Willden. sp. pl.* 3. *p.* 1959. *Curtis lond. Engl. bot.* 1158. *acre.*
Blue Erigeron.
Nat. of Britain.
Fl. July and August. H. ♂.

10. E. caule subbifloro, calyce subhirsuto, foliis obtusis subtus villosis. *Willden. sp. pl.* 3. *p.* 1959. *Engl. bot.* 464. *alpinum.*
Alpine Erigeron.
Nat. of Scotland. Mr. *James Dickson.*
Fl. July. H. ♃.

11. E. caule unifloro, calyce piloso. *Willden. sp. pl.* 3. *p.* 1960. *Engl. bot.* 2416. *uniflorum.*
Dwarf Erigeron.
Nat. of Scotland. Mr. *George Don.*
Fl. August and September. H. ♃.

tuberosum. 12. E. foliis linearibus, ramis unifloris, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 1961.
Conyza marina. *Moris. hist.* 3. *p.* 114. *s.* 7. *t.* 19. *f.* 20.
Tuberous-rooted Erigeron.
Nat. of the South of France.
Cult. 1640. *Park. theatr.* 784. *n.* 7, 8.
Fl. July and August. H. ♃.

TUSSILAGO. *Gen. pl.* 1289.

Recept. nudum. *Pappus* simplex. *Cal.* squamæ æquales, discum æquantes, submembranaceæ. *Cor.* femineæ ligulatæ s. edentulæ.

nutans. 1. T. scapo unifloro nudo, flore radiato nutante, foliis petiolatis obovatis dentatis basi sinuatis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 1965.
Aster primulæ veris folio, flore singulari purpureo. *Plum. ic.* 29. *t.* 41. *f.* 1.
Drooping-flower'd Colt's-foot.
Nat. of the West Indies. Mr. Alexander Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral Bligh.
Fl. June and July. S. ♂.

alpina. 2. T. scapo unifloro subnudo, flore discoideo, foliis reniformibus dentatis glabris. *Willden. sp. pl.* 3. *p.* 1966. *Curtis magaz.* 84.
Alpine Colt's-foot.
Nat. of Switzerland, Austria, and Siberia.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 52. *n.* 4.
Fl. March—May. H. ♃.

discolor. 3. T. scapo unifloro subnudo, flore discoideo, foliis reniformibus dentatis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 1966.
Tussilago discolor. *Jacqu. austr.* 3. *p.* 27. *t.* 247.
Two-colour'd Colt's-foot.

Nat. of Austria.
Cult. 1633. *Ger. emac.* 812. *f.* 2.
Fl. April and May. H. ♃.

4. T. scapo unifloro subnudo bracteato, flore radiato, foliis cordatis angulatis dentatis subtus pubescentibus. *Willden. sp. pl.* 3. *p.* 1967. *Curtis lond. Engl. bot.* 429. *Svensk bot.* 2. *Farfara.*
Common Colt's-foot.
Nat. of Britain.
Fl. March and April. H. ♃.

5. T. thyrso fastigiato, floribus radiatis, foliis subrotundo-cordatis inæqualiter dentatis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 1968. *Fl. dan.* 61. *frigida.*
Lapland Colt's-foot.
Nat. of Lapland and Norway.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 52. *n.* 5.
Fl. May. H. ♃.

6. T. thyrso fastigiato, floribus radiatis, foliis subrotundo-cordatis æqualiter denticulatis subtus pubescentibus. *Willden. sp. pl.* 3. *p.* 1969. *Botan. magaz.* 1388. *fragrans.*
Sweet-scented Colt's-foot.
Nat. of Italy.
Introd. 1806, by Messrs. Lee and Kennedy.
Fl. January—March. F. ♃.

7. T. thyrso fastigiato, floribus discoideis, foliis orbiculato-cordatis duplicato argute dentatis subtus villoso pubescentibus. *Willden. sp. pl.* 3. *p.* 1969. *Fl. dan.* 524. *alba.*
White Colt's-foot, or Butter bur.
Nat. of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 267. *n.* 1.
Fl. January—April. H. ♃.

8. T. thyrso oblongo, floribus discoideis, foliis oblongo- *nivea.*

longo-cordatis inæqualiter dentatis subtus dense albo-tomentosis: lobis divaricatis. *Willden. sp. pl.* 3. *p.* 1970.
Tussilago paradoxa. *Retz. obs.* 2. *p.* 24. *t.* 3.
Downy-leaved Colt's-foot.
Nat. of Switzerland.
Cult. 1713, in Chelsea garden. *Philosoph. transact. n.* 337. *p.* 39. *n.* 20.
Fl. April. H. ♃.

Petasites. 9. T. thyrso oblongo, floribus discoideis, foliis oblongo-cordatis inæqualiter denticulatis subtus pubescentibus: lobis approximatis. *Willden. sp. pl.* 3. *p.* 1971.
♂. Tussilago Petasites. *Curtis lond. Engl. bot.* 431.
♀. Tussilago hybrida. *Engl. bot.* 430.
Common Butter-bur.
Nat. of Britain.
Fl. March and April. H. ♃.

palmata. 10. T. thyrso fastigiato, floribus obsolete radiatis, foliis subrotundo-cordatis semiseptemlobis inciso-dentatis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 1972. *Edit. prior.* 3. *t.* 11.
Cut-leaved Colt's-foot.
Nat. of Newfoundland and Labrador.
Introd. 1777, by John Fothergill, M.D.
Fl. April. H. ♃.

SENECIO. *Gen. pl.* 1290.

Recept. nudum. *Pappus* simplex. *Cal.* cylindricus, calyculatus: squamis apice sphacelatis.

* *Floribus flosculosis.*

reclinatus. 1. S. corollis nudis, calycibus ventricosis subimbricatis, foliis filiformi-linearibus integerrimis glabris. *Willden. sp. pl.* 3. *p.* 1973.
Senecio graminifolius. *Jacqu. ic.* 1. *t.* 174.
Grass-leaved Groundsel.
Nat. of the Cape of Good Hope.

Introd. 1774, by Mr. Francis Masson.
Fl. June—August. G. H. ♂.

2. S. corollis nudis, foliis oblongis amplexicaulibus inæqualiter profunde dentatis, caule herbaceo virgato. *Willden. sp. pl.* 3. *p.* 1974. *hieracifolius.*
Senecio americanus altissimus, blattariæ s. hieracii folio. *Herm. paradis.* 226. *cum tab.*
Hawkweed Groundsel.
Nat. of North America.
Introd. 1699, by the Rev. John Banister. *Moris. hist.* 3. *p.* 106. *n.* 11.
Fl. August. H. ⊙.

3. S. corollis nudis, foliis lyratis hirtis: superioribus lanceolatis dentatis. *Willden. sp. pl.* 3. *p.* 1975. *purpureus.*
Cacalia villosa. *Jacqu. ic.* 3. *t.* 580.
Purple Groundsel.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July—September. G. H. ♃.

4. S. corollis nudis, foliis ellipticis dentato-serratis pilosiusculis, pedunculis elongatis unifloris. *Willden. sp. pl.* 3. *p.* 1975. *cernuus.*
Senecio rubens. *Jacqu. hort. vindob.* 3. *p.* 50. *t.* 98.
Drooping Groundsel.
Nat. of the East Indies.
Introd. 1780, by Mons. Thouin.
Fl. July and August. H. ⊙.

5. S. corollis nudis, foliis lyratis utrinque pilosis viscosis: superioribus oblongo-lanceolatis dentatis, caulibus adscendentibus. *Willden. sp. pl.* 3. *p.* 1975. *erubescens.*
Blush-colour'd Groundsel.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June—October. G. H. ♂.

6. S. co-

divaricatus. 6. S. corollis nudis, foliis lanceolatis dentatis scabris, ramulis floriferis divaricatis. *Willden. sp. pl.* 3. *p.* 1977.
Straddling-branch'd Groundsel.
Nat. of China.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July. G. H. ♂.

croaticus. 7. S. corollis nudis, foliis oblongo-lanceolatis argute serratis glabris, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 1978.
Senecio croaticus. *Walast. et Kitaib. hung.* 2. *p.* 153. *t.* 143.
Croatian Groundsel.
Nat. of Hungary.
Introd. 1805, by Nicholas Joseph de Jacquin, M. D.
Fl. July and August. H. ♃.

Pseudo-China. 8. S. corollis nudis, foliis lyrato-pinnatifidis dentatis, scapo subnudo longissimo. *Willden. sp. pl.* 3. *p.* 1978.
Senecio madraspatanus, rapi folio, floribus maximis, cujus radix a nonnullis China dicitur. *Dill. elth.* 345. *t.* 258. *f.* 335.
Chinese Groundsel.
Nat. of the East Indies.
Cult. before 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. June—August. S. ♃.

hæmatophyllus. 9. S. corollis nudis, foliis inciso-pinnatifidis dentatis acuminatis glabris petiolatis subtus discoloribus, caule subsimplici superne nudo.
Senecio hæmatophyllus. *Willden. enum.* 875.
Purple-leaved Groundsel.
Nat.
Cult. before 1789, by Messrs. Lee and Kennedy. *Herb. Banks.*
Fl. April. S. ♃.

japonicus. 10. S. corollis nudis, foliis pinnatifidis: laciniis lan-

ceolatis acutis incisis, stipulis foliaceis subpalmatis. *Willden. sp. pl.* 3. *p.* 1978.
Jagged leaved Groundsel.
Nat. of Japan.
Cult. 1774, by Mr. James Gordon.
Fl. August. H. ♃.

11. S. corollis nudis, foliis amplexicaulibus pinnatifidis dentatis, floribus corymboso-coarctatis. *Willden. sp. pl.* 3. *p.* 1979. *Curtis lond. Engl. bot.* 747. *vulgaris.*
Common Groundsel. Simson.
Nat. of Britain.
Fl. most part of the Year. H. ⊙.

12. S. corollis nudis, foliis subbipinnatis petiolatis lævibus, calycibus intactis. *Willden. sp. pl.* 3. *p.* 1980. *arabicus.*
Arabian Groundsel.
Nat. of Egypt.
Introd. about 1804, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♂.

13. S. corollis nudis, foliis obovatis petiolatis inciso-dentatis, pedunculis filiformibus trifloris. *Willden. sp. pl.* 3. *p.* 1980. *verbenæfolius.*
Senecio verbenæfolius. *Jacqu. hort. vindob.* 1. *p.* 2. *t.* 3.
Vervain-leaved Groundsel.
Nat. of Egypt.
Introd. 1803, by A. B. Lambert, Esq.
Fl. June and July. H. ⊙.

** *Floribus radiatis: radio revoluto.*

14. S. corollis revolutis, foliis petiolatis oblongis sinuatis, pedunculis subtrifloris, calycibus conicis: squamis minimis intactis. *Willden. sp. pl.* 3. *p.* 1980. *triflorus.*
Three-flower'd Groundsel.
Nat. of Egypt.
Introd. 1776, by Mons. Thouin.
Fl. July—September. H. ⊙.

ægyptius. 15. S. corollis revolutis, foliis amplexicaulibus lineari-lanceolatis pinnatifidis, squamis calycinis brevioribus sphacelatis. *Willden. sp. pl.* 3. *p.* 1981.
Egyptian Groundsel.
Nat. of Egypt.
Introd. 1771, by John Earl of Bute.
Fl. July and August. H. ⊙.

lividus. 6. S. corollis revolutis, foliis amplexicaulibus lanceolatis dentatis, squamis calycinis brevissimis intactis. *Willden. sp. pl.* 3. *p.* 1983. *Schkuhr handb.* 3. *p.* 96. *t.* 245.
Livid Groundsel.
Nat. of Spain.
Introd. 1801, by Mr. John Hunnemann.
Fl. July and August. H. ⊙.

trilobus. 17. S. corollis revolutis, foliis amplexicaulibus obovatis apice trilobis serratis, calycinis squamis sphacelatis. *Willden. sp. pl.* 3. *p.* 1984.
Three-lobed Groundsel.
Nat. of Spain.
Cult. 1728, by Mr. Ph. Miller. *R. S. n.* 329.
Fl. June—August. H. ⊙.

cinerascens. 18. S. corollis revolutis, foliis pinnatifidis tomentosis margine revolutis, panicula patula, squamis calycinis exterioribus patentibus. *Willden. sp. pl.* 3. *p.* 1984. *Jacqu. hort. schœnbr.* 2. *p.* 12. *t.* 150.
Gray Groundsel.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. May—July. G. H. ♄.

viscosus. 19. S. corollis revolutis, foliis pinnatifidis viscidis, squamis calycinis laxis longitudine perianthii. *Willden. sp. pl.* 3. *p.* 1984. *Engl. bot.* 32.
Stinking Groundsel.
Nat. of Britain.
Fl. June—October. H. ⊙.

20. S. co-

20. S. corollis revolutis, foliis pinnatifidis denticulatis, caule corymboso erecto. *Willden. sp. pl.* 3. *p.* 1985. *Engl. bot.* 748. *Fl. dan.* 869. *sylvaticus.*
Mountain Groundsel.
Nat. of Britain.
Fl. July and August. H. ⊙.

21. S. corollis revolutis, foliis lyratis sinuatis obtusis petiolatis, caule hirsuto. *Willden. sp. pl.* 3. *p.* 1986. *nebrodensis.*
Jacobæa montana, senecionis pallido parvo flore. *Barrel. rar.* 1081. *t.* 401.
Nebrodes Groundsel.
Nat. of Sicily, Spain, and the Pyrenees.
Cult. before 1704, by the Duchess of Beaufort. *Raj. hist.* 3. *p.* 179. *n.* 61.
Fl. June—August. H. ⊙.

22. S. corollis revolutis, foliis amplexicaulibus lanceolatis obtusis dentatis integerrimis. *Willden. sp. pl.* 3. *p.* 1986. *glaucus.*
Sea-green Groundsel.
Nat. of Egypt.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Jacobæa 14.
Fl. June—August. H. ⊙.

*** *Floribus radiatis: radio patente. Foliis pinnatifidis.*

23. S. corollis radiantibus, petiolis amplexicaulibus, pedunculis folio triplo longioribus, foliis pinnato-sinuatis. *Willden. sp. pl.* 3. *p.* 1987. *hastatus.*
Jacobæa afra perennis viscosa lutea, asplenii foliis. *Dill. elth.* 183. *t.* 152. *f.* 184.
Spleen-wort-leaved Groundsel.
Nat. of the Cape of Good Hope.
Cult. 1722, in Chelsea garden. *R. S. n.* 26.
Fl. most part of the Summer. G. H. ♃.

24. S. corollis radiantibus, foliis amplexicaulibus pinnatifidis hirsutis crispato-dentatis, caule lanato. *Willden. sp. pl.* 3. *p.* 1988. *vernalis.*

Senecio vernalis. *Waldst. et Kitaib. hung.* 1. *p.* 23. *t.* 24.
Spring Groundsel.
Nat. of Hungary.
Introd. 1803, by Mr. John Hunnemann.
Fl. April—June. H. ☉.

rupestris. 25. S. corollis radiantibus, foliis amplexicaulibus pinnatifidis supra glabris: laciniis angulatis dentatis, caule calycibusque glabris. *Willden. sp. pl.* 3. *p.* 1989.
Senecio rupestris. *Waldst. et Kitaib. hung.* 2. *p.* 136. *t.* 128.
Rock Groundsel.
Nat. of Hungary.
Introd. 1805, by Mr. Holboël.
Fl. June and July. H. ♃.

venustus. 26. S. corollis radiantibus, caule calyce foliisque glabris, foliis pinnatifidis: laciniis linearibus acutis dentatis. *Willden. sp. pl.* 3. *p.* 1990.
Wing-leaved Groundsel.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. July—September. G. H. ♂.

elegans. 27. S. corollis radiantibus, foliis pilóso-viscidis pinnatifidis æqualibus patentissimis, rachi inferne angustata, calycibus hirtis. *Willden. sp. pl.* 3. *p.* 1990. *Curtis magaz.* 238.
Elegant Groundsel, or Purple Jacobea.
Nat. of the Cape of Good Hope.
Cult. 1700, by Charles Dubois, Esq. *Pluk. mant.* 106.
Fl. June—August. H. ☉.

squalidus. 28. S. corollis radiantibus, foliis semiamplexicaulibus pinnatifidis: laciniis linearibus subdentatis distantibus, caule erecto. *Willden. sp. pl.* 3. *p.* 1991. *Engl. bot.* 600.
Inelegant Rag-wort.

Nat. of England.
Fl. June—October. H. ⊙.

29. S. corollis radiantibus, caule sub-simplici nudiusculo, foliis radicalibus petiolatis oblongis sinuato-pubescentibus. *speciosus.*
Senecio speciosus. *Willden. sp. pl.* 3. *p.* 1991.
Senecio Pseudo-China. *Andrews's reposit.* 291.
Red-flower'd Groundsel.
Nat.
Introd. about 1789, by G. Slater, Esq.
Fl. July and August. G. H. ♃.

30. S. corollis radiantibus, foliis utrinque tomentosis niveis pinnatifidis: laciniis linearibus obtusis subdentatis, corymbo coarctato. *Willden. sp. pl.* 3. *p.* 1993. *incanus.*
Jacobæa pumila, absinthii umbelliferi foliis incanis, floribus velut in umbellam positis. *Pluk. alm.* 194. *t.* 39. *f.* 6.
Downy Groundsel.
Nat. of the Alps of Switzerland and Austria.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 12.
Fl. July and August. H. ♃.

31. S. corollis radiantibus, foliis pinnato-multifidis linearibus nudis acutis, pedunculis subbifloris. *Willden. sp. pl.* 3. *p.* 1995. *Jacqu. austr.* 1. *p.* 50. *t.* 79. *abrotanifolius.*
Southernwood-leaved Groundsel.
Nat. of the Alps of Austria.
Cult. 1640. *Park. theatr.* 79. *f.* 6.
Fl. July—October. H. ♃.

32. S. floribus radiantibus, foliis pinnatis: pinnis lineari-subulatis subincisis subtus pubescentibus, caule subhirsuto. *Willden. sp. pl.* 3. *p.* 1996. *tenuifolius.*
Senecio tenuifolius. *Engl. bot.* 574.
Senecio erucifolius. *Curtis lond.*
Hoary Rag-wort.
Nat. of Britain.
Fl. July and August. H. ♃.

Jacobæa. 33. S. radio patente, foliis lyrato-bipinnatifidis divaricatis dentatis glabris, caule erecto. *Willden. sp. pl.* 3. *p.* 1997. *Engl. bot.* 1130. *Fl. dan.* 944.
Common Rag-wort.
Nat. of Britain.
Fl. July and August. H. ♃.

aquaticus. 34. S. radio patente, flosculis ellipticis, foliis lyratis serratis: inferioribus obovatis integris, seminibus glabris. *Willden. sp. pl.* 3. *p.* 1997. *Engl. bot.* 1131.
Marsh Rag-wort.
Nat. of Britain.
Fl. July and August. H. ♃.

aureus. 35. S. corollis radiantibus, foliis radicalibus ovatis cordatis serratis petiolatis; caulinis pinnatifidis dentatis: lacinia terminali lanceolata, pedunculis incrassatis. *Willden. sp. pl.* 3. *p.* 1998.
Golden Groundsel.
Nat. of North America.
Cult. 1758, by Mr. Ph. Miller. *R. S. n.* 1838.
Fl. May and June. H. ♃.

**** *Floribus radiatis: radio patente. Foliis indivisis.*

asper. 36. S. corollis radiantibus, foliis lanceolato-linearibus dentatis rigidis scabris, corymbis terminalibus axillaribusque pedunculatis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2000.
Stiff-leaved Groundsel.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July and August. G. H. ♄.

paludosus. 37. S. corollis radiantibus, foliis semiamplexicaulibus lanceolatis argute serratis subtus subvillosis, corymbo terminali divaricato, caule stricto. *Willden. sp. pl.* 3. *p.* 2002. *Engl. bot.* 650.
Marsh Groundsel. Bird's-tongue.
Nat. of England.
Fl. June—August. H. ♃.

38. S. corollis radiantibus, foliis ovato-lanceolatis serratis margine ciliatis subtus tenuissime pubescentibus sessilibus basi inæqualibus. *Willden. sp. pl.* 3. *p.* 2003. *Jacqu. austr.* 2. *p.* 50. *t.* 184. *nemorensis.*
Branching Groundsel.
Nat. of Austria and Switzerland.
Introd. 1785, by the Doctors Pitcairn and Fothergill.
Fl. July and August. H. ♃.

39. S. corollis radiantibus, foliis lanceolatis basi cuneatis argute serratis subsessilibus glabriusculis. *Willden. sp. pl.* 3. *p.* 2004. *Engl. bot.* 2211. *saracenicus.*
Creeping-rooted Groundsel.
Nat. of Britain.
Fl. July—October. H. ♃.

40. S. corollis radiantibus, squamis calycinis adpressis, foliis subdecurrrentibus subtus villosiusculis lanceolatis serratis. *Willden. sp. pl.* 3. *p.* 2005. *coriaceus.*
Doria quæ Jacobæa orientalis Limonii folio Tournefortii. *Dill. elth.* 125. *t.* 105. *f.* 125.
Thick-leaved Groundsel.
Nat. of the Levant.
Cult. 1728, by Mr. Ph. Miller. *R. S. n.* 319.
Fl. July and August. H. ♃.

41. S. corollis radiantibus, squamis calycinis exterioribus patulis, foliis subdecurrentibus oblongo-lanceolatis glaucescentibus glabris serratis. *Willden. sp. pl.* 3. *p.* 2005. *Jacqu. austr.* 2. *p.* 51. *t.* 185. *Doria.*
Broad-leaved Groundsel.
Nat. of Austria.
Cult. 1570, by Mr. Hugh Morgan. *Lobel. adv.* 124.
Fl. July—September. H. ♃.

42. S. corollis radiantibus, caule indiviso subunifloro, foliis indivisis serratis: radicalibus ovatis subtus villosis. *Doronicum.*

villosis. *Willden. sp. pl.* 3. *p.* 2006. *Jacqu. austr.* 5. *p.* 53. *tab. app.* 45.
Alpine Groundsel.
Nat. of the South of Europe.
Cult. 1705, by Robert Uvedale, LL.D. *Pluk. amalth.* 71. *n.* 4.
Fl. July—September. H. ♃.

lanceus. 43. S. corollis radiantibus, foliis lanceolatis basi cordatis amplexicaulibus lævibus argute serratis, caule frutescente. *Willden. sp. pl.* 3. *p.* 2008. *Jacqu. hort. schœnbr.* 3. *p.* 30. *t.* 304.
Spear-leaved Groundsel.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. July—October. G. H. ♄.

longifolius. 44. S. corollis radiantibus, foliis linearibus sparsis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2009.
Jacobæa africana frutescens, lavendulæ folio latiore et angustiore. *Commel. hort.* 2. *p.* 141. *t.* 71.
Long-leaved Groundsel.
Nat. of the Cape of Good Hope.
Introd. 1775, by Mons. Thouin.
Fl. August—November. G. H. ♄.

halimifolius. 45. S. corollis radiantibus, foliis obovatis carnosis subdentatis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2010.
Doria africana arborescens, foliis crassis et succulentis atriplicem referentibus. *Dill. elth.* 124. *t.* 104. *f.* 124.
Succulent-leaved Groundsel.
Nat. of the Cape of Good Hope.
Cult. 1723, in Eltham garden. *Knowlton Jun. Mss.*
Fl. July. G. H. ♄.

ilicifolius. 46. S. corollis radiantibus, foliis oblongis sessilibus dentatis subtus tomentosis: superioribus am-

plexicaulibus basi tantum dentatis, corymbo simplici. *Willden. sp. pl.* 3. *p.* 2012.
Jacobæa africana frutescens, foliis incisis et subtus cineraceis. *Commel. rar.* 42.
Ilex-leaved Groundsel.
Nat. of the Cape of Good Hope.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Jacobæa 3.
Fl. June and July. G. H. ♄.

47. S. corollis radiantibus, foliis amplexicaulibus spathulatis repandis erosis scabris, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2013. *rigidus.*
Jacobæa africana frutescens, foliis rigidis et hirsutis. *Commel. hort.* 2. *p.* 149. *t.* 75.
Hard-leaved Groundsel.
Nat. of the Cape of Good Hope.
Cult. 1704, by the Duchess of Beaufort. *Raj. hist.* 3. *p.* 179. *n.* 60.
Fl. June—September. G. H. ♄.

ASTER. *Gen. pl.* 1291.

Recept. nudum. *Pappus* simplex. *Cor.* radii plures 10. *Cal.* imbricati squamæ inferiores patulæ.

* *Fruticosi.*

1. A. fruticosus, foliis ovatis subimbricatis recurvatis serrato-ciliatis, floribus terminalibus. *Willden. sp. pl.* 3. *p.* 2015. *Andrews's reposit.* 93. *Botan. magaz.* 854. *reflexus.*
Reflex'd-leaved Star-wort.
Nat. of the Cape of Good Hope.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 37.
Fl. most part of the Year. G. H. ♄.

2. A. fruticosus, foliis ovatis serratis patentibus subtus tomentosis, floribus terminalibus subternis. *Willden. sp. pl.* 3. *p.* 2015. *tomentosus.*
Aster dentatus. *Andrews's reposit.* 61.
Tooth-leaved Star-wort.

Nat. of New South Wales.
Introd. 1793, by Messrs. Lee and Kennedy.
Fl. most part of the Summer. G. H. ♄.

sericeus. 3. A. fruticosus, foliis oblongo-lanceolatis sessilibus integerrimis trinerviis sericeo-tomentosis, floribus terminalibus. *Willden. sp. pl.* 3. *p.* 2016.
Aster sericeus. *Venten. cels* 33.
Silky-leaved Star-wort.
Nat. of North America.
Introd. 1802, by Mons. Cels.
Fl. May—November. G. H. ♄.

Cymbalariæ. 4. A. fruticosus, foliis petiolatis subrotundo-ovatis hirtis utrinque uni- vel-bidentatis, pedunculis unifloris elongatis terminalibus. *Willden. sp. pl.* 3. *p.* 2016.
Cineraria hirsuta. *Venten. malmais.* 95.
Ivy-leaved Star-wort.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1786.
Fl most part of the Summer. G. H. ♄.

argophyllus. 5. A. fruticosus, foliis ovato-lanceolatis dentatis subtus sericeis, paniculis compositis axillaribus, radiis ternis. *Labillard. nov. holl.* 2. *p.* 52. *t.* 201.
Musk Star-wort.
Nat. of Van Diemen's Island.
Introd. 1804, by Messrs. Lee and Kennedy.
Fl. G. H. ♄.

angustifolius. 6. A. fruticosus, foliis linearibus acutis impunctatis subincanis, pedunculis terminalibus solitariis unifloris elongatis. *Willden. sp. pl.* 3. *p.* 2017.
Aster angustifolius. *Jacqu. hort. schœnbr.* 3. *p.* 63. *t.* 370.
Narrow-leaved Star-wort.
Nat. of the Cape of Good Hope.
Introd. 1804, by Nicholas Joseph de Jacquin, M. D.
Fl. May and June. G. H. ♄.

7. A. fruticosus, foliis linearibus obtusiusculis glabris punctatis, pedunculis unifloris elongatis, calycibus imbricatis discum æquantibus. *Willden. sp. pl.* 3. *p.* 2018. *Jacqu. fragm.* 9. *t.* 5. *f.* 4. *fruticulosus.*
Shrubby Star-wort.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 32.
Fl. March—July. G. H. ♄.

** *Herbacei, caule uni- vel bifloro.*

8. A. caule unifloro, foliis integerrimis: radicalibus lanceolato-spathulatis; caulinis lanceolatis, calycinis squamis subæqualibus lanceolatis obtusiusculis. *Willden. sp. pl.* 3. *p.* 2018. *Curtis magaz.* 199. *alpinus.*
Alpine Star-wort.
Nat. of the Alps of Europe.
Cult. 1658, in Oxford garden. *Hort. oxon. ed.* 2. *p.* 24. *n.* 11.
Fl. May—August. H. ♃.

9. A. caule unifloro, foliis ovatis sessilibus serratis scabriusculis, calycibus squamis subæqualibus linearibus. *Willden. sp. pl.* 3. *p.* 2020. *caucasicus.*
Caucasian Star-wort.
Nat. of Mount Caucasus.
Introd. 1804, by Joseph Bush, Esq.
Fl. July and August. H. ♃.

*** *Herbacei, foliis linearibus lanceolatisve integerrimis.*

10. A. foliis filiformibus aculeato-ciliatis, calycibus hemisphæricis: foliolis æqualibus. *Willden. sp. pl.* 3. *p.* 2020. *Curtis magaz.* 33. *tenellus.*
Dwarf Star-wort.
Nat. of the Cape of Good Hope.
Cult. 1769, by Mr. Ph. Miller. *R. S. n.* 2359.
Fl. April—October. G. H. ♂.

nemoralis. 11. A. foliis lineari-lanceolatis basi attenuatis enerviis punctatis scabriusculis: caulinis reflexis, ramis corymboso-fastigiatis: ramulis filiformibus unifloris, calycibus disco duplo brevioribus imbricatis. *Willden. sp. pl.* 3. *p.* 2021.
Wood Star-wort.
Nat. of Nova Scotia.
Introd. 1778, by Mr. William Malcolm.
Fl. August and September. H. ♃.

hyssopifolius. 12. A. foliis lineari-lanceolatis trinerviis punctatis acutis margine scabris, ramulis corymboso-fastigiatis coarctatis, radio subquinquefloro, calycibus imbricatis disco duplo brevioribus. *Willden. sp. pl.* 3. *p.* 2022.
Aster latifolius, Tripolii flore. *Dodart. mem.* 61. *t.* 60.
Hyssop-leaved Star-wort.
Nat. of North America.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 39. *n.* 4.
Fl. September and October. H. ♃.

acris. 13. A. foliis lineari-lanceolatis glabris impunctatis trinerviis, ramulis umbellato-corymbosis, calycibus imbricatis disco duplo brevioribus. *Willden. sp. pl.* 3. *p.* 2023.
Aster minor narbonensium Tripolii flore linariæ folio. *Lobel. ic.* 1. *p.* 349.
Acrid Star-wort.
Nat. of the South of Europe.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 8.
Fl. August and September. H. ♃.

solidaginoides. 14. A. foliis lineari-lanceolatis obsolete trinerviis integerrimis obtusis margine scabris, ramis corymboso-fastigiatis, calycibus disco duplo brevioribus imbricatis: squamis oblongis obtusis adpressis. *Willden. sp. pl.* 3. *p.* 2024.
Aster americanus albus, mezerei arabum exaspe-

peratis foliis, florum petalis reflexis. *Pluk. alm.* 56. *t.* 79. *f.* 2.
Golden-rod-like Star-wort.
Nat. of North America.
Cult. 1699, in Chelsea garden. *Moris. hist.* 3. *p.* 122. *n.* 45.
Fl. August and September. H. ♃.

15. A. foliis linearibus integerrimis enerviis punctatis scabris reflexo-patentibus, ramis corymboso-fastigiatis, calycibus imbricatis, radiis disco æqualibus. *Willden. sp. pl.* 3. *p.* 2024. *linifolius.*
Flax-leaved Star-wort.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 14.
Fl. July and August. H. ♃.

16. A. foliis linearibus mucronatis enerviis impunctatis margine scabris: caulinis strictis; rameis patentibus, caule superne ramoso, ramis unifloris fastigiatis, calycibus imbricatis longitudine disci. *Willden. sp. pl.* 3. *p.* 2024. *linariifolius.*
Aster americanus frutescens saturejæ foliis scabris, floribus amplis saturate violaceis. *Pluk. alm.* 56. *t.* 14. *f.* 7.
Savory-leaved Star-wort.
Nat. of North America.
Cult. 1699, in Chelsea garden. *Moris. hist.* 3. *p.* 121. *n.* 34.
Fl. September and October. H. ♃.

17. A. foliis lineari-lanceolatis utrinque attenuatis integerrimis acuminatis, caule pubescente paniculato erecto, ramis paucifloris, calycibus imbricatis: squamis linearibus acutis adpressis. *Willden. sp. pl.* 3. *p.* 2025. *foliolosus.*
Aster ericoides meliloti agrariæ umbone. *Dill. elth.* 39. *t.* 35. *f.* 39.
Leafy Star-wort.
Nat. of North America.

Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. October. H. ♃.

tenuifolius. 18. A. foliis lineari-lanceolatis utrinque attenuatis integerrimis margine hispidis, caule glabro ramoso erecto, ramulis unifloris, calycibus imbricatis: squamis oblongis acutis laxis. *Willden. sp. pl.* 3. *p.* 2026.
Aster americanus Belvidere foliis, floribus ex cærulo-albicantibus, spicis prælongis. *Pluk. alm.* 56. *t.* 78. *f.* 5.
Fine-leaved Star-wort.
Nat. of North America.
Cult. 1725, in Chelsea garden. *R. S. n.* 153.
Fl. September and October. H. ♃.

dumosus. 19. A. foliis linearibus integerrimis glabris: ramulorum brevissimis, ramis paniculatis, calycibus cylindraceis arcte imbricatis. *Willden. sp. pl.* 3. *p.* 2026.
Aster novæ angliæ linariæ foliis, chamæmeli floribus. *Herm. parad.* 95. *cum tab.*
α. radio pallide violaceo, caule pubescente.
Purple-flower'd bushy Star-wort.
β. radio albo, caule glabro.
White-flower'd bushy Star-wort.
Nat. of North America.
Cult. 1734, by Mr. Ph. Miller. *R. S. n.* 616.
Fl. September and October. H. ♃.

ericoides. 20. A. foliis linearibus integerrimis glaberrimis: ramulorum subulatis approximatis; caulinis elongatis, calycibus subsquarrosis: foliolis acutis, caule glabro. *Willden. sp. pl.* 3. *p.* 2027.
Heath-leaved Star-wort.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September. H. ♃.

multiflorus. 21. A. foliis linearibus integerrimis glabriusculis, caule ramosissimo diffuso pubescente, ramulis secundis,

cundis, calycibus imbricatis: squamis oblongis squarrosis acutis. *Willden. sp. pl.* 3. *p.* 2027.
Aster ericoides dumosus. *Dill. elth.* 40. *t.* 36. *f.* 40.
Many-flower'd Star-wort.
Nat. of North America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. September and October. H. ♃.

22. A. foliis ovatis acuminatis integerrimis reflexis margine hispidis, caule ramoso hirto, ramulis unifloris, calycibus imbricatis: squamis lineari-cuneatis acutis squarrosis. *Willden. sp. pl.* 3. *p.* 2028. *squarrosus.*
Ragged Star-wort.
Nat. of North America. Mr. Michael Dalton.
Introd. 1801, by H. R. H. The Duke of Kent.
Fl. June and July. H. ♃.

23. A. caule gracili decumbente laxe ramoso, ramis ramulisve subunifloris, foliis lanceolatis integerrimis sericeo-tomentosis incanis, calycibus subsquarrosis. *Michaux amer.* 2. *p.* 111. *argenteus.*
Silver-leaved Star-wort.
Nat. of North America.
Introd. 1801, by Mons. Thouin.
Fl. July—September. H. ♃.

24. A. foliis oblongo-lanceolatis integerrimis utrinque cano-pubescentibus, caule simplicissimo erecto pubescente, racemo terminali, calycibus imbricatis: squamis lanceolatis sericeis adpressis. *Willden. sp. pl.* 3. *p.* 2029. *concolor.*
Self-colour'd Star-wort.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 11.
Fl. most part of the Autumn. H. ♃.

25. A. foliis lanceolatis integerrimis basi attenuatis acuminatis margine scabris, caule simplici apice corym- *umbellatus.*

corymboso, squamis calycinis lanceolatis laxis. *Willden. sp. pl.* 3. *p.* 2030.
Umbel'd Star-wort.
Nat. of Nova Scotia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 22.
Fl.—July—September. H. ♃.

salicifolius. 26. A. foliis lineari-lanceolatis integerrimis glabris, calycibus imbricatis laxis, caule lævi. *Willden. sp. pl.* 3. *p.* 2030.
Willow-leaved Star-wort.
Nat. of North America.
Cult. 1760, by Mr. Philip Miller.
Fl. September and October. H. ♃.

æstivus. 27. A. foliis lanceolatis subamplexicaulibus integerrimis apice attenuatis margine scabris, caule a basi ramoso erecto, ramulis pilosis, calycinis squamis laxis linearibus acutis æqualibus. *Willden. sp. pl.* 3. *p.* 2030.
Labrador Star-wort.
Nat. of North America.
Introd. 1776, by Messrs. Gordon and Græffer.
Fl. July and August. H. ♃.

Amellus. 28. A. foliis oblongo-lanceolatis integris scabris, ramis corymbosis, calycibus imbricatis subsquarrosis: foliolis obtusis: interioribus membranaceis apice coloratis. *Willden. sp. pl.* 3. *p.* 2031. *Jacqu. austr.* 5. *p.* 12. *t.* 425.
α. foliis obovato-lanceolatis planis, corollis radii numerosissimis subimbricatis.
Plain-leaved Italian Star-wort.
β. foliis lanceolatis rugosiusculis subundulatis, corollis radii divaricatis.
Wrinkle-leaved Italian Star-wort.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. August and September. H. ♃.

rigidus. 29. A. foliis linearibus alternis, floribus terminalibus solitariis. *Willden. sp. pl.* 3. *p.* 2032.

Stiff-leaved Star-wort.
Nat. of Virginia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 25.
Fl. August—October. H. ♃.

30. A. foliis lanceolatis amplexicaulibus integerrimis basi auriculatis, caule piloso stricto, floribus terminalibus confertis, calycinis squamis laxis coloratis lanceolatis disco longioribus. *Willden. sp. pl.* 3. *p.* 2032. *novæ angliæ.*
Aster novæ angliæ altissimus hirsutus, floribus amplissimis purpureo-violaceis. *Herm. paradis.* 98. *cum tab.*
New England Star-wort.
Nat. of North America.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 4.
Fl. September and October. H. ♃.

31. A. foliis lanceolatis amplexicaulibus integerrimis basi auriculatis, caule paniculato piloso, ramis subunifloris, calycinis squamis laxis lanceolatis discum æquantibus. *Willden. sp. pl.* 3. *p.* 2032. *spurius.*
Bastard Star-wort.
Nat. of North America.
Cult. before 1789.
Fl. September and October. H. ♃.

32. A. foliis linearibus amplexicaulibus erectis integerrimis glaberrimis margine scabris, pedunculis fere nudis, calycibus squarrosis. *Willden. sp. pl.* 3. *p.* 2033. *paludosus.*
Marsh Star-wort.
Nat. of the Swamps of Carolina.
Introd. 1784, by Mr. John Fairbairn.
Fl. September and October. H. ♃.

33. A. foliis linearibus rigidis integerrimis acutiusculis subamplexicaulibus: rameis reflexis margine ciliato-hispidis, caule ramoso hirto, ramis unifloris, *grandiflorus.*

floris, calycinis squamis squarrosis lineari-lanceolatis. *Willden. sp. pl.* 3. *p.* 2033.
Aster caule corymboso, foliis lingulatis reflexis, floribus solitariis, calycibus squarrosis. *Mill. ic.* 2. *p.* 188. *t.* 282.
Catesby's Star-wort.
Nat. of North America. Mr. *Mark Catesby.*
Cult. about 1720, by Mr. Thomas Fairchild. *Mill. ic. loc. cit.*
Fl. October and November. H. ♃.

phlogifolius. 34. A. foliis lanceolatis integerrimis cordatis amplexicaulibus subtus pubescentibus, caule simplicissimo pubescente apice paniculato, calycinis squamis laxis imbricatis lanceolatis. *Willden. sp. pl.* 3. *p.* 2034.
Phlox-leaved Star-wort.
Nat. of North America. Mr. *Fr. Masson.*
Introd. 1797.
Fl. July—October. H. ♃.

patens. 35. A. foliis oblongo-lanceolatis integerrimis ciliatis cordatis amplexicaulibus utrinque pilosis, caule ramoso hirto, ramis patentibus elongatis paucifloris, calycinis squamis imbricatis lanceolatis patulis. *Willden. sp. pl. p.* 2034.
Spreading hairy-stalk'd Star-wort.
Nat. of North America.
Introd. about 1773, by George Aufrere, Esq.
Fl. September and October. H. ♃.

**** *Herbacei, foliis cordatis ovatisque serratis.*

undulatus. 36. A. foliis oblongis cordatis amplexicaulibus integerrimis pilosis subundulatis: inferioribus ovatis cordatis subserratis petiolatis: petiolis alatis, caule paniculato hispido, ramulis secundis foliosis unifloris. *Willden. sp. pl.* 3. *p.* 2034.
Aster novæ angliæ purpureus, virgæ aureæ facie et foliis undulatis. *Herm. paradis.* 96. *cum tab.*
Wave-leaved Star-wort.
Nat. of North America.

Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 120. *n.* 26.
Fl. August—October. H. ♃.

37. A. foliis ovato-lanceolatis subserratis petiolatis glabris: radicalibus ovato-cordatis serratis scabris petiolatis: petiolis nudis, caule ramosissimo glabro, ramulis pilosis, calycibus laxis subimbricatis. *Willden. sp. pl.* 3. *p.* 2035. *paniculatus.*
Asteriscus latifolius autumnalis. *Cornut. canad.* 64. *t.* 65,
Smooth-stalk'd panicled Star-wort.
Nat. of North America.
Cult. 1640. *Park. theatr.* 132. *n.* 18.
Fl. September and October. H. ♃.

38. A. foliis cordatis subtus pilosis argute serratis petiolatis: petiolis alatis, caule paniculato piloso, calycibus laxis subimbricatis. *Willden. sp. pl.* 3. *p.* 2036. *cordifolius.*
Heart-leaved Star-wort.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 13.
Fl. July and August. H. ♃.

39. A. foliis ovatis argute serratis acuminatis: inferioribus cordatis petiolatis nudis, caule superne corymboso-fastigiato, ramis pilosis, calycibus oblongis imbricatis squamis arcte adpressis. *Willden. sp. pl.* 3. *p.* 2036. *corymbosus.*
α. caule purpureo.
Purple-stalk'd corymbed Star-wort.
β. caule viridi.
Green-stalk'd corymbed Star-wort.
Nat. of North America.
Cult. 1765, by Peter Collinson, Esq.
Fl. September. H. ♃.

40. A. foliis ovatis petiolatis serratis: summis ovato-cordatis sessilibus; inferioribus cordatis petiolatis: petiolis submarginatis, caule ramoso diffuso, *macrophyllus.*

fuso, calycibus cylindricis arcte imbricatis. *Willden. sp. pl.* 3. *p.* 2037.
α. foliis radicalibus oblongis cordatis.
Large-leaved white Star-wort.
β. foliis radicalibus ovatis cordatis.
Large-leaved blue Star-wort.
Nat. of North America.
Cult. 1739. *Mill. dict. vol.* 2. *n.* 23.
Fl. July—September. H. ♃.

chinensis. 41. A. foliis ovatis grosse dentatis petiolatis: caulinis sessilibus basi cuneatis; floralibus lanceolatis integerrimis, caule hispido, ramis unifloris, calycibus foliaceis. *Willden. sp. pl.* 3. *p.* 2038.
Aster chenopodii folio, annuus, flore ingenti specioso. *Dill. elth.* 38. *t.* 34. *f.* 38.
Chinese Star-wort, or Aster.
Nat. of China.
Introd. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 30.
Fl. July and August. H. ⊙.

***** *Herbacei, foliis lanceolatis: inferioribus serratis.*

Tripolium. 42. A. foliis lineari-lanceolatis carnosis triplinerviis: inferioribus apice subserratis, caule glabro corymboso, calycibus æqualibus. *Willden. sp. pl.* 3. *p.* 2039. *Engl. bot.* 87.
Sea Star-wort.
Nat. of Britain.
Fl. August and September. H. ♃.

puniceus. 43. A. foliis amplexicaulibus lanceolatis serratis scabriusculis, ramis paniculatis, calycibus laxis discum superantibus: foliolis lineari-lanceolatis subæqualibus, caule hispido. *Willden. sp. pl.* 3. *p.* 2040.
Aster americanus latifolius maximus, puniceis caulibus. *Herm. lugdb.* 649. *t.* 651.
α. septempedalis, caulibus saturate purpureis.
Tall red-stalk'd Star-wort.

β. octopedalis, caulibus e viridi-rufescentibus.
Giant Star-wort.
γ. tripedalis.
Dwarf red-stalk'd Star-wort.
Nat. of North America.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 1.
Fl. July—October. H. ♃.

44. A. foliis pilosiusculis: inferioribus subovatis serratis; superioribus lanceolatis, calycibus hemisphæricis: foliolis subæqualibus strigosis. *Willden. sp. pl.* 3. *p.* 2041. *enumer.* 884. *Fl. dan.* 486. *annuus.*
Erigeron heterophyllum. *Willden. sp. pl.* 3. *p.* 1956.
American annual Star-wort.
Nat. of North America.
Cult. 1640. *Park. theatr.* 528. *f.* 4.
Fl. July—September. H. ⊙.

45. A. foliis lanceolatis subamplexicaulibus serratis piloso-scabris, calycibus laxis: foliolis lanceolatis acuminatis foliaceis hispidis. *Willden. sp. pl.* 3. *p.* 2042. *sibiricus.*
Aster foliis ovato-oblongis supra serratis, caulibus striatis, pedunculis unifloris umbellatis. *Gmel. sib.* 2. *p.* 186. *t.* 80. *f.* 1.
α. foliis basi latioribus, floribus numerosis.
Broad-leaved Siberian Star-wort.
β. foliis basi angustioribus, floribus paucis.
Narrow-leaved Siberian Star-wort.
Nat. of Siberia.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 34.
Fl. July—October. H. ♃.

46. A. foliis oblongo-lanceolatis scabris ciliatis subserratis: infimis ovatis serratis, caule paniculato hispido, ramulis unifloris, calycinis squamis oblongis imbricatis. *Willden. sp. pl.* 3. *p.* 2042. *hispidus.*
Aster hispidus. *Icon. Kæmpfer.* 29.

Rough-stalk'd Star-wort.
Nat. of China. Mr. William Kerr.
Introd. 1804, by the Hon. Court of Directors of the E. I. C. in the Henry Addington, Capt. Kirkpatrick.
Fl. September and October. H. ♃.

conyzoides. 47. A. foliis oblongis trinerviis basi angustatis acutis: superioribus sessilibus subintegerrimis; inferioribus petiolatis serratis, caule simplici apice corymboso, calycibus cylindricis squarrosis, radio calyce breviore. *Willden. sp. pl.* 3. *p.* 2043.
Flea-bane-like Star-wort.
Nat. of North America.
Introd. 1778, by Mr. William Young.
Fl. August and September. H. ♃.

divaricatus. 48. A. ramis divaricatis, foliis ovatis serratis: floralibus integerrimis obtusiusculis amplexicaulibus. *Willden. sp. pl.* 3. *p.* 2044.
Aster americanus latifolius albus, caule ad summum brachiato. *Pluk. alm.* 56. *t.* 79. *f.* 1.
Straddling-branch'd Star-wort.
Nat. of North America.
Cult. 1699, in Chelsea garden. *Moris. hist.* 3. *p.* 121. *n.* 41.
Fl. September and October. H. ♃.

Radula. 49. A. foliis lanceolatis serratis acuminatis rugosis scaberrimis, calycibus imbricatis: foliolis lanceolatis obtusis. *Willden. sp. pl.* 3. *p.* 2044.
Rasp-leaved Star-wort.
Nat. of Nova Scotia.
Introd. 1785, by William Pitcairn, M. D.
Fl. September. H. ♃.

lævis. 50. A. foliis amplexicaulibus oblongis integerrimis lucidis: radicalibus subserratis, ramis simplicibus subunifloris, calycibus imbricatis: foliolis subcuneiformibus acutis apice incrassatis, caule glabro. *Willden. sp. pl.* 3. *p.* 2044.

Smooth Star-wort.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September and October. H. ♃.

51. A. foliis subamplexicaulibus: superioribus lanceolatis acuminatis integerrimis; inferioribus lanceolatis basi angustatis serratis, ramulis virgatis, calycibus disco brevioribus laxis, caule glabro. *Willden. sp. pl.* 3. *p.* 2045. *mutabilis.*
Aster novæ belgiæ latifolius paniculatus, floribus saturate violaceis. *Herm. lugdb.* 65. *t.* 67.
Changeable Star-wort.
Nat. of North America.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 2.
Fl. September and October. H. ♃.

52. A. foliis subamplexicaulibus lato-lanceolatis subserratis: radicalibus medio serratis, caule ramosissimo glabro, calycinis squamis lanceolatis laxis disco brevioribus. *Willden. sp. pl.* 3. *p.* 2045. *versicolor.*
Various-colour'd Star-wort.
Nat. of North America.
Cult. before 1790.
Fl. August and September. H. ♃.

53. A. foliis lanceolatis serratis sessilibus glabris, ramis virgatis, calycibus imbricatis, caule tereti glabro. *Willden. sp. pl.* 3. *p.* 2047. *Tradescanti.*
Aster virginianus ramosissimus serotinus, parvis floribus albis Tradescanti. *Moris. hist.* 3. *p.* 121. *s.* 7. *t.* 21. *f.* 42.
α. floribus cæruleis.
Tradescant's dwarf Star-wort. Michaelmas Daisy.
β. floribus albis.
Tradescant's tall Star-wort.
Nat. of North America.
Cult. before 1633, by Mr. John Tradescant, Sen. *Ger. emac.* 489. *n.* 12.
Fl. July—September. H. ♃.

54. A. fo-

novi belgii. 54. A. foliis subamplexicalibus lanceolatis glabris margine scabris: inferioribus serratis, ramis subdivisis, calycibus laxe imbricatis: foliolis lineari-lanceolatis, caule tereti glabro. *Willden. sp. pl.* 3. *p.* 2048.
Aster novæ belgiæ latifolius umbellatus, floribus dilute violaceis. *Herm. lugdb.* 66. *t.* 69.
α. foliis viridibus.
Green New York Star-wort.
β. foliis glaucis.
Glaucous New York Star-wort.
Nat. of North America.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 3.
Fl. September and October. H. ♃.

spectabilis. 55. A. foliis lanceolatis scabriusculis: inferioribus serratis, ramis corymbosis, foliolis calycinis laxis foliaceis subcuneiformibus acutiusculis squarrosis. *Willden. sp. pl.* 3. *p.* 2048.
Showy Star-wort.
Nat. of North America.
Introd. 1777, by William Pitcairn, M.D.
Fl. August and September. H. ♃.

tardiflorus. 56. A. foliis sessilibus lanceolatis basi attenuatis serratis glabris, calycibus laxis: foliolis lanceolato-linearibus subæqualibus glabris. *Willden. sp. pl.* 3. *p.* 2049.
Spear-leaved Star-wort.
Nat. of North America.
Introd. 1775, by Mr. John Cree.
Fl. July—September. H. ♃.

junceus. 57. A. foliis lanceolato-linearibus sessilibus glabris: infimis subserratis; ramulorum lanceolatis, ramis virgatis, calycibus imbricatis, caule glabriusculo. *Willden. sp. pl.* 3. *p.* 2050.
Slender-stalk'd Star-wort.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September and October. H. ♃.

58. A. foliis sessilibus lanceolatis subserratis glabris, calycibus imbricatis: foliolis acutis, disco radii æquali, caule villosiusculo. *Willden. sp. pl.* 3. *p.* 2051. *miser.*
Small white-flower'd Star-wort.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 8.
Fl. September and October. H. ♃.

59. A. foliis elliptico-lanceolatis serratis glabris: caulinis lineari lanceolatis elongatis, ramis patentibus, calycibus imbricatis, caule pubescente. *Willden. sp. pl.* 3. *p.* 2052. *divergens.*
Spreading downy-stalk'd Star-wort.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. October. H. ♃.

60. A foliis elliptico-lanceolatis serratis glabris proportionatis, ramis patentibus, calycibus imbricatis, caule pubescente. *Willden. sp. pl.* 3. *p.* 2052. *diffusus.*
α. caule tomentoso, ramis patentissimis, disco rubro.
Red-flower'd diffuse Star-wort.
β. caule pubescente, ramis virgatis, disco stramineo.
White-flower'd diffuse Star-wort.
Nat. of North America.
Introd. 1777, by Messrs. Kennedy and Lee.
Fl. September. H. ♃.

61. A. foliis elliptico-lanceolatis serratis glabris: ramulorum remotiusculis, ramis divaricatissimis pendulis, caule pubescente. *Willden. sp. pl.* 3. *p.* 2052. *pendulus.*
Pendulous Star-wort.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September and October. H. ♃.

SOLIDAGO.

SOLIDAGO. *Gen. pl.* 1292.

Recept. nudum. *Pappus* simplex. *Cor.* radii circiter 5. *Cal.* squamæ imbricatæ, clausæ.

* *Racemis secundis, foliis triplinerviis.*

canadensis. 1. S. caule villoso erecto, foliis lanceolatis serratis triplinerviis scabris, racemis paniculatis secundis recurvis, ligulis abbreviatis. *Willden. sp. pl.* 3. *p.* 2055. *Schkuhr handb.* 3. *p.* 110. *t.* 246.

α. foliis nudiusculis: serraturis paucissimis, racemis terminalibus elongatis.
Common Canadian Golden-rod.

β. foliis scabris: serraturis paucis, racemis subæqualibus patentissimis.
Dwarf Canadian Golden-rod.

γ. foliis subtus villosis: superioribus integerrimis, racemis elongatis patentibus.
Entire-leaved Canadian Golden-rod.

Nat. of North America.
Cult. 1648, in Oxford garden. *Hort. oxon. ed.* 1. *p.* 54. *n.* 2.
Fl. July—September. H. ♃.

procera. 2. S. caule villoso erecto, foliis lanceolatis serratis triplinerviis scabris subtus villosis, racemis spiciformibus erectis: innuptis nutantibus, ligulis abbreviatis. *Willden. sp. pl.* 3. *p.* 2055.
Great Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September and October. H. ♃.

serotina. 3. S. caule erecto tereti lævi, foliis lineari-lanceolatis glabris margine asperis serratis triplinerviis, racemis paniculatis secundis. *Willden. sp. pl.* 3. *p.* 2056.
Upright smooth Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. July and August. H. ♃.

gigantea. 4. S. caule erecto glabro, foliis lanceolatis glabris

serratis margine scabris, racemis paniculatis secundis, pedunculis hirtis, ligulis abbreviatis. *Willden. sp. pl. 3. p. 2056.*
Gigantic Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. August and September. H. ♃.

5. S. caule erecto villoso, foliis lanceolatis subserratis triplinerviis scabris reflexis, ramis paniculatis subsecundis. *Willden. sp. pl. 3. p. 2056.* *reflexa.*
Hanging-leaved Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. August and September. H. ♃.

6. S. caule erecto pilosiusculo, foliis lanceolatis subtriplinerviis glabris margine scabris: inferioribus subserratis, racemis paniculatis subrecurvis secundis. *Willden. sp. pl. 3. p. 2057.* *lateriflora.*
α. caulibus rubentibus vix pilosis.
Red-stalk'd lateral-flower'd Golden-rod.
β. caulibus viridibus pilosis.
Green-stalk'd lateral-flower'd Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. August and September. H. ♃.

** *Racemis secundis, foliis venosis.*

7. S. caule erecto tereti piloso, foliis ovatis subellipticis scaberrimis rugosis serratis enerviis, racemis paniculatis secundis. *Willden. sp. pl. 3. p. 2057.* *aspera.*
Virga aurea americana aspera, foliis brevioribus serratis. *Dill. elth.* 411. *t.* 305. *f.* 392.
Rough-leaved Golden-rod.
Nat. of North America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. September. H. ♃.

8. S. caule erecto hirto, foliis lanceolatis: inferiori- *altissima.*

bus profunde serratis scaberrimis rugosis, paniculis secundis. *Willden. sp. pl.* 3. *p.* 2057.

Virga aurea altissima serotina, panicula speciosa patula. *Mart. cent.* 14.

α. caule quinquepedali piloso, serraturis profundis inæqualibus, racemis divaricatis.

Tall Golden-rod.

β. caule tripedali hirsuto, serraturis profundis subæqualibus, racemis adscendentibus.

Hairy Golden-rod.

γ. caule tripedali villoso, serraturis profundis subæqualibus.

Recurved Golden-rod.

δ. caule quinquepedali villosissimo, serraturis magnis, racemis vix divergentibus.

Virginian Golden-rod.

Nat. of North America.

Cult. before 1686. *Raj. hist.* 1. *p.* 279. *n.* 4.

Fl. August and September. H. ♃.

rugosa. 9. S. caule erecto hirto, foliis lanceolatis: inferioribus adpresso-serratis scaberrimis rugosis, racemis paniculæ secundis patentissimis. *Willden. sp. pl.* 3. *p.* 2058.

Virga aurea novæ angliæ rugosis foliis crenatis. *Dill. elth.* 416. *t.* 308. *f.* 396.

Wrinkle-leaved Golden-rod.

Nat. of North America.

Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*

Fl. August and September. H. ♃.

nemoralis. 10. S. caule erecto tomentoso, foliis caulinis lanceolatis hispidis integerrimis; radicalibus subcuneiformibus serratis, racemis paniculatis secundis. *Willden. sp. pl.* 3. *p.* 2059.

Woolly-stalk'd Golden-rod.

Nat. of North America.

Introd. 1769, by Samuel Martin, M. D.

Fl. September. H. ♃.

arguta. 11. S. caule erecto glabro, foliis glabris argute inæqualiter

æqualiter serratis: caulinis ellipticis; radicalibus ovato-oblongis, racemis paniculatis secundis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2060.
Sharp-notch'd Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. July and August. H. ♃.

12. S. caule erecto glabro, foliis lanceolatis glabris margine scabris: inferioribus serratis, racemis paniculatis secundis. *Willden. sp. pl.* 3. *p.* 2060. *juncea.*
Rush-stalk'd Golden-rod.
Nat. of North America.
Introd. 1769, by Samuel Martin, M.D.
Fl. August and September. H. ♃.

13. S. caule erecto glabro, foliis ellipticis lævibus serratis, racemis paniculatis secundis, ligulis mediocribus. *Willden. sp. pl.* 3. *p.* 2060. *elliptica.*
Oval-leaved Golden-rod.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 16.
Fl. August and September. H. ♃.

14. S. caule erecto glabro, foliis lineari-lanceolatis subcarnosis lævibus integerrimis margine scabris, racemis paniculatis secundis: pedunculis pilosis. *Willden. sp. pl.* 3. *p.* 2060. *sempervirens.*
Solidago maxima americana. *Cornut. canad.* 168. *t.* 169.
Narrow-leaved evergreen Golden-rod.
Nat. of North America.
Cult. 1699, by the Duchess of Beaufort. *Br. mus. Sloan. mss.* 525 & 3349.
Fl. September and October. H. ♃.

15. S. caule erecto pubescente, foliis lineari-lanceolatis integerrimis glabris margine scabris, racemis paniculatis secundis. *Willden. sp. pl.* 3. *p.* 2061. *odora.*
Virga aurea americana Tarraconis facie et sapore,

panicula speciosissima. *Pluk. alm.* 389. *t.* 116. *f.* 6.
Sweet-scented Golden-rod.
Nat. of North America.
Cult. 1699, in Chelsea garden. *Moris. hist.* 3. *p.* 125. *n.* 24.
Fl. July and August. H. ♃.

*** *Racemis erectis.*

bicolor. 16. S. caule foliisque ellipticis pilosis: inferioribus serratis, ramis foliolosis, racemis erectis, foliolis calycinis obtusis. *Willden. sp. pl.* 3. *p.* 2061.
Virga aurea flore albo spicato. *Pluk. alm.* 389. *t.* 114. *f.* 8.
Two-colour'd Golden-rod.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 28.
Fl. August and September. H. ♃.

petiolaris. 17. S. caule erecto villoso, foliis ellipticis scabriusculis petiolatis, racemis erectis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2062.
Late-flower'd Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. October—December. H. ♃.

stricta. 18. S. caule erecto glabro, foliis caulinis lanceolatis integerrimis glabris margine scabris; radicalibus serratis, racemis paniculatis erectis: pedunculis glabris. *Willden. sp. pl.* 3. *p.* 2062.
Willow-leaved Golden-rod.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September. H. ♃.

lanceolata. 19. S. caule glabro ramosissimo, foliis lanceolato-linearibus integerrimis trinerviis glabris, corymbis terminalibus, ligulis altitudine disci. *Willden. sp. pl.* 3. *p.* 2062.
Grass-leaved Golden-rod.

Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. October. H. ♃.

20. S. caule lævi erecto, foliis lanceolatis glabris, racemis erectis, ligulis mediocribus. *Willden. sp. pl.* 3. *p.* 2062. *cæsia.*
Virga aurea marilandica cæsia glabra. *Dill. elth.* 414. *t.* 307. *f.* 395.
Maryland Golden-rod.
Nat. of North America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. September and October. H. ♃.

21. S. caule erecto lævi, foliis lanceolatis carnosis integerrimis undique lævibus, racemis paniculatis erectis, pedunculis squamosis villosis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2063. *lævigata.*
Fleshy-leaved Golden-rod.
Nat. of North America.
Cult. 1699, in Chelsea garden. *Moris. hist.* 3. *p.* 124. *n.* 15.
Fl. October and November. H. ♃.

22. S. caule obliquo glabro, foliis lanceolatis subcarnosis integerrimis undique lævibus, racemis paniculatis erectis, pedunculis squamosis glabris, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2063. *mexicana.*
Virga aurea mexicana limonii folio, panicula uno versu disposita. *Dodart. mem.* 127.
Mexican Golden-rod.
Nat. of North America.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 360. *n.* 4.
Fl. July and August. H. ♃.

23. S. caule erecto subpubescente, foliis lineari-lanceolatis membranaceis basi attenuatis glabris margine scabris: infimis subserratis, racemis erectis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2064. *viminea.*

Twiggy Golden-rod.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 26.
Fl. September. H. ♃.

flexicaulis. 24. S. caule flexuoso glabro angulato, foliis ovatis acuminatis serratis glabris, racemis erectis, ligulis mediocribus. *Willden. sp. pl.* 3. *p.* 2064.
α. Virga aurea canadensis, asterisci folio. *Herm. parad.* 244. *cum tab.*
Crook-stalk'd Golden-rod.
latifolia. β. Virga aurea latissimo folio, canadensis glabra. *Pluk. alm.* 389. *t.* 235. *f.* 4.
Broad-leaved crook-stalk'd Golden-rod.
Nat. of North America.
Cult. 1725, in Chelsea garden. *R. S. n.* 199.
Fl. September. H. ♃.

ambigua. 25. S. caule subflexuoso glabro angulato ramoso, foliis oblongo-lanceolatis dense serratis subtus pilosiusculis. racemis erectis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2064.
Angular-stalk'd Golden-rod.
Nat. . . . .
Cult. 1759, by Mr. Philip Miller.
Fl. July and August. H. ♃.

Virgaurea. 26. S. caule erecto tereti superne ramoso et pubescente, foliis caulinis lanceolatis utrinque attenuatis serratis: inferioribus ellipticis pilosiusculis, racemis erectis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2065. *Engl. bot.* 301.
Common Golden-rod.
Nat. of Britain.
Fl. July—September. H. ♃.

cambrica. 27. S. caule simplicissimo pubescente, foliis cuneiformi-lanceolatis serratis pilosiusculis, racemis erectis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2066.
Virga aurea cambrica, floribus conglobatis. *Dill. elth.* 413. *t.* 306. *f.* 393.

Welch Golden-rod.
Nat of Wales.
Fl. July and August. H. ♃.

28. S. caule villosiusculo, foliis sessilibus lanceolatis glabris ciliatis: inferioribus apice serratis, racemo terminali erecto, ligulis elongatis numerosis. *Willden. sp. pl.* 3. *p.* 2066. *multiradiata.*
Labrador Golden-rod.
Nat. of Labrador.
Introd. 1776, by the Hudson's-bay Company.
Fl. July and August. H. ♃.

29. S. caule simplicissimo piloso, foliis lanceolatis acutis serratis glabris, racemo terminali simplici erecto, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2067. *minuta.*
Virga aurea omnium minima, floribus maximis. *Herm. parad.* 245. *cum tab.*
Least Golden-rod.
Nat. of the Pyrenees.
Introd. 1772, by Mons. Richard.
Fl. July and August. H. ♃.

30. S. caule foliisque ovato-oblongis pilosis scabris: caulinis integerrimis: infimis serratis, ramis floriferis paniculatis, racemis compactis, ligulis elongatis. *Willden. sp. pl.* 3. *p.* 2067. *rigida.*
Virga aurea novæ angliæ, lato rigido folio. *Herm. parad.* 243. *cum tab.*
Hard-leaved Golden-rod.
Nat. of North America.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 6.
Fl. September. H. ♃.

CINERARIA. *Gen. pl.* 1294.

Recept. nudum. *Pappus* simplex. *Cal.* simplex, polyphyllus, æqualis.

1. C. pedunculis ramosis, foliis reniformibus angulatis sublobatis pubescentibus, petiolis superne auritis. *Willden. sp. pl.* 3. *p.* 2076. *geifolia.*

Jacobæa africana hederæ terrestris folio, repens. *Commel. hort.* 2. *p.* 145. *t.* 73.
Kidney-leaved Cineraria.
Nat. of the Cape of Good Hope.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 10.
Fl. April—August. G. H. ♄.

parviflora. 2. C. pedunculis ramosis, foliis cordatis quinquelobis dentatis lanuginosis, petiolis appendiculatis, corollæ radio trifloro.
Small-flower'd Cineraria.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. most part of the Summer. G. H. ♄.

aurita. 3. C. floribus corymbosis, foliis cordatis subangulatis subtus tomentosis, petiolis basi biauritis. *Willden. sp. pl.* 3. *p.* 2077.
Purple-flower'd Cineraria.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1777.
Fl. June and July. G. H. ♄.

cruenta. 4. C. floribus corymbosis, foliis cordatis angulato-dentatis subtus purpurascentibus, petiolis alatis basi auritis. *Willden. sp. pl.* 3. *p.* 2077. *Botan. magaz.* 406. *Venten. malmais.* 99.
Cineraria aurita. *Andrews's reposit.* 24.
Purple-leaved Cineraria.
Nat. of the Canary Islands.
Introd. 1777, by Mr. Francis Masson.
Fl. February—May. G. H. ♃.

populifolia. 5. C. floribus corymbosis, foliis cordatis subangulatis subtus tomentosis, petiolis apice multijugo-appendiculatis. *L'Herit. sert. angl.* 25. *Venten. malmais.* 100.
Cacalia appendiculata. *Willden. sp. pl.* 3. *p.* 1729.
Poplar-leaved Cineraria.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1780.
Fl. June—September. G. H. ♄.

6. C. floribus subcorymbosis, foliis subrotundis multilobatis *lobata.*
glabris, petiolis basi auritis, calycibus
subcalyculatis. *Willden. sp. pl.* 3. *p.* 2078.
Lobed Cineraria.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June—August. G. H. ♄.

7. C. floribus cymosis, foliis cordatis angulatis infra *malvæfolia.*
subtomentosis, petiolis simplicibus. *Willden.*
sp. pl. 3. *p.* 2079.
Mallow-leaved Cineraria.
Nat. of the Azores. Mr. *Fr. Masson.*
Introd. 1777.
Fl. August. G. H. ♃.

8. C. floribus corymbosis, foliis caulinis ovatis acutis *gigantea.*
argute serratis subtus tomentosis: petiolis
basi alatis; radicalibus cordatis. *Smith exot.*
bot. 2. *p.* 11. *t.* 65.
Gigantic Cineraria.
Nat. of Cape Horn.
Introd. 1801, by Thomas Evans, Esq.
Fl. July and August. H. ♃.

9. C. racemo simplici, foliis cordatis obtusis denticulatis *sibirica.*
lævibus, caule simplicissimo monophyllo.
Willden. sp. pl. 3. *p.* 2079. *Waldst. et Kitaib.*
hung. 1. *p.* 15. *t.* 16.
Siberian Cineraria.
Nat. of Siberia.
Introd. 1784, by John Bell, Esq.
Fl. June—August. H. ♃.

10. C. racemo simplici, foliis spathulato-cordatis integerrimis *glauca.*
lævibus, caule simplicissimo. *Willden. sp. pl.* 3. *p.* 2080.
Solidago floribus spicatis, foliis subcordatis glaberrimis
glaucis oblongo-ellipticis amplexicaulibus.
Gmel. sib. 2. *p.* 166. *t.* 74.
Glaucous-leaved Cineraria.
Nat. of Siberia.

Introd. 1790, by Jonas Dryander, M. A.
Fl. June and July. H. ♃.

palustris. 11. C. floribus corymbosis, foliis lato-lanceolatis dentato-sinuatis, caule villoso. *Willden. sp. pl.* 3. *p.* 2080. *Engl. bot.* 151.
Marsh Flea-wort.
Nat. of England.
Fl. June and July. H. ♃.

campestris. 12. C. floribus umbellatis, caule simplici, foliis tomentosis: radicalibus ovatis subcrenulatis; caulinis lanceolatis integerrimis. *Willden. sp. pl.* 3. *p.* 2081.
Cineraria integrifolia. *Engl. bot.* 152.
Mountain Flea-wort.
Nat. of England.
Fl. May and June. H. ♃.

longifolia. 13. C. floribus umbellato-corymbosis, caule simplici, foliis subdentatis: radicalibus spathulatis; caulinis oblongo-lanceolatis. *Willden. sp. pl.* 3. *p.* 2082.
Cineraria longifolia. *Jacqu. austr.* 2. *p.* 49. *t.* 181.
Long-leaved Cineraria.
Nat. of Austria.
Introd. 1792, by Abbé Pourret.
Fl. June—August. H. ♃.

cordifolia. 14. C. panicula pauciflora, caule simplici, foliis omnibus petiolatis cordatis duplicato-dentatis, petiolis basi subdentatis. *Willden. sp. pl.* 3. *p.* 2083. *Jacqu. austr.* 2. *p.* 47. *t.* 176.
Heart-leaved Cineraria.
Nat. of Austria and Switzerland.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacobæa 3.
Fl. July and August. H. ♃.

alpina. 15. C. floribus corymbosis, foliis pinnatis: pinna terminali maxima cordata inciso-dentata; lateralibus cuneatis apice dentatis. *Willden. sp. pl.* 3. *p.* 2084.

Cineraria cordifolia (auriculata.) *Jacqu. austr.* 2. *p.* 47. *t.* 177.
Alpine Cineraria.
Nat. of Austria and Switzerland.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 168. *n.* 2.
Fl. June—August. H. ♃.

16. C. floribus paniculatis, calycibus tomentosis, foliis pinnatifidis: laciniis obtusis subtrilobis subtus tomentosis, caule frutescente. *Willden. sp. pl.* 3. *p.* 2085. *maritima.*
Cineraria. *Dod. pempt.* 642.
Sea Cineraria, or Rag-wort.
Nat. of the South of Europe.
Cult. 1633, by Mr. Ralph Tuggy. *Ger. emac.* 280. *f.* 4.
Fl. July—September. H. ♄.

17. C. floribus paniculatis, foliis pinnatifidis subvillosis: laciniis sinuatis, caule herbaceo. *Willden. sp. pl.* 3. *p.* 2085. *canadensis.*
Canadian Cineraria.
Nat. of Canada.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Jacobæa 4.
Fl. June—August. H. ♂.

18. C. pedunculis unifloris, foliis reniformibus subangulatis, petiolis apice auriculatis nudisve. *Willden. sp. pl.* 3. *p.* 2087. *humifusa.*
Trailing Cineraria.
Nat. of the Cape of Good Hope.
Cult. before 1704. *Raj. hist.* 3. *p.* 158. *n.* 17.
Fl. July and August. G. H. ♃.

19. C. pedunculis unifloris, foliis pinnatifido-lobatis acutis viscidis carnulosis. *Willden. sp. pl.* 3. *p.* 2087. *Jacqu. fragm.* 12. *t.* 7. *f.* 2. *viscosa.*
Clammy Cineraria.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd.

Introd. 1774.
Fl. June—August. G. H. ♂.

lanata. 20. C. pedunculis unifloris, foliis cordato-subrotundis septangulis subtus lanuginosis. *Willden. sp. pl.* 3. *p.* 2088. *Curtis magaz.* 53.
Woolly Cineraria.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1780.
Fl. May—September. G. H. ♄.

amelloides. 21. C. pedunculis unifloris, foliis oppositis ovatis nudis, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 2088. *Curtis magaz.* 249.
Blue-flower'd Cineraria, or Cape Aster.
Nat. of the Cape of Good Hope.
Introd. 1753, by Mr. Ph. Miller. *Mill. ic.* 1. *p.* 51. *t.* 76. *f.* 2.
Fl. February—September. G. H. ♄.

INULA. *Gen. pl.* 1295.

Recept. nudum. *Pappus* pilosus. *Antheræ* basi in setas duas desinentes.

Helenium. 1. I. foliis amplexicaulibus ovatis rugosis subtus tomentosis, calycum squamis ovatis. *Willden. sp. pl.* 3. *p.* 2089. *Engl. bot.* 1546. *Svensk bot.* 57.
Common Inula, or Elecampane.
Nat. of Britain.
Fl. July and August. H. ♃.

Oculus Christi. 2. I. foliis amplexicaulibus oblongis integris hirsutis, caule piloso subcorymboso. *Willden. sp. pl.* 3. *p.* 2090. *Jacqu. austr.* 3. *p.* 13. *t.* 223.
Hoary Inula.
Nat. of Austria and the South of France.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. July—September. H. ♃.

britannica. 3. I. foliis amplexicaulibus lanceolatis basi serratis

subtus pilosis, caule corymboso villoso, ramis lateralibus apice longioribus. *Willden. sp. pl.* 3. *p.* 2090. *Fl. dan.* 413.
Creeping-rooted Inula.
Nat. of Germany.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 8.
Fl. July—September. H. ♃.

4. I. foliis amplexicaulibus cordato-oblongis nudis serratis subtus pilosis, caule pubescente paniculato, ramis lateralibus apice longioribus patulis, calycinis squamis setaceis. *Willden. sp. pl.* 3. *p.* 2091. *Curtis lond. Engl. bot.* 1115. *dysenterica.*
Meadow Inula, or Flea-bane.
Nat. of England.
Fl. August and September. H. ♃.

5. I. foliis amplexicaulibus cordato-lanceolatis undulatis. *Willden. sp. pl.* 3. *p.* 2092. *undulata.*
Wave-leaved Inula.
Nat. of Egypt.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Helenium 25.
Fl. July and August. H. ⊙.

6. I. foliis amplexicaulibus cordato-lanceolatis glabriusculis serratis, caule corymboso glabro, ramis lateralibus apice longioribus patulis, pedunculis unifloris filiformibus. *Willden. sp. pl.* 3. *p.* 2092. *indica.*
Jacobæa perfoliata, folio longo acuto auriculato. *Burm. zeyl.* 124. *t.* 55. *f.* 2.
Indian Inula.
Nat. of the East Indies.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Helenium 23.
Fl. July and August. S. ⊙.

7. I. foliis amplexicaulibus oblongis undulatis villosis, caule erecto paniculato, pedunculis unifloris oppositifoliis, floribus subglobosis, radio minutissimo. *Pulicaria.*

tissimo. *Willden. sp. pl.* 3. *p.* 2093. *Curtis lond. Engl. bot.* 1196.
Small Inula, or Flea-wort.
Nat. of England.
Fl. August and September. H. ⊙.

squarrosa. 8. I. foliis ovalibus rigidis sessilibus serrulatis scabris reticulato-venosis, calycinis squamis ovatis reflexis. *Willden. sp. pl.* 3. *p.* 2095.
Aster luteus latifolius glaber, foliis rigidis et minutissime crenatis. *Pluk. alm.* 57. *t.* 16. *f.* 1.
Net-leaved Inula.
Nat. of Italy and the South of France.
Cult. before 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 11.
Fl. July—September. H. ♃.

viscosa. 9. I. foliis sessilibus basi reflexis lanceolatis serratis, caule virgato piloso viscoso, pedunculis axillaribus unifloris foliosis. *Willden. sp. pl.* 3. *p.* 2095.
Erigeron viscosum. *Jacqu. hort. vindob.* 2. *p.* 77. *t.* 165.
Clammy Inula.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July and August. G. H. ♃.

salicina. 10. I. foliis lanceolatis recurvis serrato-scabris, ramis angulatis, floribus inferioribus altioribus. *Willden. sp. pl.* 3. *p.* 2096. *Fl. dan.* 786.
Willow-leaved Inula.
Nat. of the North of Europe.
Cult. 1648, in Oxford garden. *Hort. oxon. ed.* 1. *p.* 7. *n.* 13.
Fl. August and September. H. ♃.

glandulosa. 11. I. foliis sessilibus oblongis obsolete serratis: serraturis glandulosis, caule hirsuto unifloro, calycinis squamis lanceolatis villosis. *Willden. sp. pl.* 3. *p.* 2097.

Glandulous Inula.
Nat. of Georgia.
Cult. 1804. *Donn cantab.*
Fl. July and August. H. ♃.

12. I. foliis sessilibus oblongis cartilagineo-denticulatis scabris rigidis, caule corymboso, calycinis squamis ovatis obtusis squarrosis. *Willden. sp. pl.* 3. *p.* 2097. *Bubonium.*
Inula Bubonium. *Jacqu. austr.* 5. *app. p.* 36. *t.* 19.
Austrian Inula.
Nat. of Austria.
Introd. about 1801.
Fl. July—September. H. ♃.

13. I. foliis sessilibus lanceolatis obsolete serratis rigidis pilosis, caule subdiviso villoso subunifloro, calycinis squamis lanceolatis. *Willden. sp. pl.* 3. *p.* 2098. *Jacqu. austr.* 4. *p.* 30. *t.* 358. *hirta.*
Hairy Inula.
Nat. of Siberia, Austria, and France.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. June—September. H. ♃.

14. I. foliis ellipticis basi attenuatis subpetiolatis pilosis: inferioribus dentatis, caule multifloro. *Willden. sp. pl.* 3. *p.* 2099. *Jacqu. hort. vindob.* 3. *p.* 29. *t.* 51. *suaveolens.*
Woolly-leaved Inula.
Nat. of the South of Europe.
Cult. 1758, by Mr. Philip Miller.
Fl. June—August. H. ♃.

15. I. foliis sessilibus oblongo-lanceolatis serratis subtus tomentosis, caule paniculato, floribus pedunculatis subquaternis subumbellatis terminalibus. *Willden. sp. pl.* 3. *p.* 2099. *Vaillantii.*
Vaillant's Inula.
Nat. of Switzerland and France.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Helenium 13.
Fl. June—August. H. ♃.

mariana. 16. I. foliis sessilibus oblongo-lanceolatis basi attenuatis obtusis glandula mucronatis integerrimis: inferioribus petiolatis serratis, caule villoso, pedunculis axillaribus filiformibus piloso-viscosis. *Willden. sp. pl.* 3. *p.* 2099.
Aster carolinianus pilosus conyzæ cæruleæ foliis, floribus luteis. *Mill. ic.* 1. *p.* 38. *t.* 57. *f.* 1.
American Inula.
Nat. of North America.
Introd. 1742, by Thomas Dale, M. D. *Mill. ic. loc. cit.*
Fl. July and August. H. ♃.

germanica. 17. I. foliis sessilibus oblongis acutis integerrimis scabris, caule superne ramoso, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 2100.
Inula germanica. *Jacqu. austr.* 2. *p.* 21. *t.* 134.
German Inula.
Nat. of Saxony, Pannonia, and Siberia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 4.
Fl. June and July. H. ♃.

ensifolia. 18. I. foliis sessilibus linearibus acuminatis nervosis glabris sparsis, caule subunifloro. *Willden. sp. pl.* 3. *p.* 2101. *Jacqu. austr.* 2. *p.* 40. *t.* 162.
Sword-leaved Inula.
Nat. of Austria.
Introd. 1793, by Mr. John Hunnemann.
Fl. July—September. H. ♃.

crithmifolia. 19. I. foliis linearibus carnosis tricuspidatis. *Willden. sp. pl.* 3. *p.* 2101.
Inula crithmoides. *Engl. bot.* 68.
Samphire-leaved Inula.
Nat. of England.
Fl. August and September. H. ♃.

provincialis. 20. I. foliis subserratis subtus tomentosis: radicalibus petiolatis ovatis, caule erecto unifloro. *Willden. sp. pl.* 3. *p.* 2102.
Oval-leaved Inula.

Nat. of the South of France.
Introd. 1778, by Mons. Thouin.
Fl. July and August. H. ♃.

21. I. foliis lanceolatis hirsutis integerrimis, caule unifloro, calyce brevi imbricato. *Willden. sp. pl.* 3. *p.* 2102. *montana.*
Aster montanus hirsutus. *Lobel. ic.* 1. *p.* 350.
Mountain Inula.
Nat. of the South of Europe.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. July and August. H. ♃.

22. I. foliis ovato-oblongis decurrentibus dentatis apice integerrimis, floribus corymbosis confertis. *Willden. sp. pl.* 3. *p.* 2103. *bifrons.*
Conyza latifolia viscosa suaveolens, flore aureo e galloprovincia. *Garid. prov.* 125. *t.* 23.
Oval-leaved Italian Inula.
Nat. of the South of Europe.
Cult. 1713. *Philosoph. transact. n.* 337. *p.* 185. *n.* 28.
Fl. June—August. H. ♃.

23. I. foliis sessilibus oppositis lineari-lanceolatis integerrimis subtus punctatis basi setoso-ciliatis, pedunculis elongatis unifloris, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2104. *saturejoides.*
Aster Saturejæ foliis conjugatis et pilosis, flore luteo. *Reliqu. Houst.* 8. *t.* 19.
Savory-leaved Inula.
Nat. of Vera Cruz.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. *n.* 13.
Fl. S. ♄.

24. I. foliis lanceolato-linearibus integerrimis, corymbis ramosis, radiis florum brevissimis. *Willden. sp. pl.* 3. *p.* 2105. *fœtida.*
Conyza melitensis, retusis foliis. *Boccon. sic.* 26. *t.* 13.

Stinking

Stinking Inula.
Nat. of the Island of Malta.
Cult. before 1688. *Raj. hist.* 2. *p.* 1858. Conyza 16.
Fl. June—August. H. ⊙.

DONIA. *Brown mss.*

Recept. nudum. *Pappus* setaceus, caducus. *Calyx* imbricatus, hemisphæricus.

glutinosa. 1. D. foliis ovato-oblongis serratis calycibusque viscidis. *Brown mss.*
Doronicum glutinosum. *Willden. sp. pl.* 3. *p.* 2115.
Aster glutinosus. *Cavanill. ic.* 2. *p.* 52. *t.* 168.
Glutinous Donia.
Nat. of Mexico.
Introd. 1803, by A. B. Lambert, Esq.
Fl. August and September. G. H. ♄.

PODOLEPIS. (*Labill. nov. holl.* 2. *p.* 56.) *Brown mss.*

Recept. nudum. *Pappus* pilosus. *Calyx* imbricatus scariosus hemisphæricus: squamis unguiculatis.

rugata. 1. P. squamis calycis rugosis obtusis, caule simplici. *Brown mss.*
Podolepis rugata. *Labill. nov. holl.* 2. *p.* 57. *t.* 208.
Wrinkle-scaled Podolepis.
Nat. of the South-west Coast of New Holland.
Introd. 1803, by Mr. Peter Good.
Fl. July and August. G. H. ♃.

acuminata. 2. P. squamis calycis æquatis ovatis acuminatis, caule subsimplici. *Brown mss.*
Scalia Jaceoides. *Sims in botan. magaz.* 956.
Sharp-scaled Podolepis.
Nat. of New South Wales. *Robert Brown*, Esq.
Introd. 1803, by Colonel William Paterson.
Fl. all the Summer. G. H. ♃.

ARNICA. *Gen. pl.* 1296.

Recept. nudum. *Pappus* simplex. *Cal.* foliolis æqualibus. *Corollulæ* radii sæpius filamentis 5 absque antheris.

1. A. foliis ovatis integris: caulinis geminis oppositis. *Willden. sp. pl.* 3. *p.* 2106. *Svensk bot.* 186. *montana.*
Mountain Arnica.
Nat. of Europe.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Doronicum 3.
Fl. July and August. H. ♃.

2. A. foliis dentatis: dentibus acuminatis; radicalibus petiolatis elliptico-subrotundis; caulinis alternis oblongis. *Willden. sp. pl.* 3. *p.* 2108. *Jacqu. austr.* 4. *p.* 26. *t.* 349. *scorpioides.*
Alternate-leaved Arnica.
Nat. of Switzerland and Austria.
Cult. 1710. *Salmon's herb.* 1278.
Fl. July and August. H. ♃.

3. A. scapo unifloro-nudo, foliis petiolatis obovatis repandis. *Willden. sp. pl.* 3. *p.* 2109. *Botan. magaz.* 1196. *Bellidiastrum.*
Daisy-leaved Arnica.
Nat. of Germany, Switzerland, and Italy.
Cult. 1570, by Mr. Penny. *Lobel. adv.* 199.
Fl. June—August. H. ♃.

DORONICUM. *Gen. pl.* 1297.

Recept. nudum. *Pappus* simplex. *Cal.* squamæ duplicis ordinis æquales, disco longiores. *Sem.* radii nuda pappoque destituta.

1. D. foliis denticulatis: summis subrotundo-cordatis; mediis spathulato-cordatis; inferioribus et radicalibus cordatis petiolatis. *Willden. sp. pl.* 3. *p.* 2113. *Engl. bot.* 630. *Pardalianches.*
Great Leopard's-bane.

Nat. of Britain.
Fl. May. H. ♃.

altaicum. 2. D. foliis dentatis obovatis amplexicaulibus: radicalibus obovato-spathulatis in petiolum attenuatis, caule simplici unifloro. *Willden. sp. pl.* 3. *p.* 2115.
Doronicum altaicum. *Pallas in act. petropol.* 1779. *pars post. p.* 271. *t.* 16.
Siberian Leopard's-bane.
Nat. of the Alps of Siberia.
Cult. 1783, by Mr. Conrad Loddiges.
Fl. June—August. H. ♃.

plantagineum. 3. D. foliis ovatis acutis subdentatis, ramis alternis. *Willden. sp. pl.* 3. *p.* 2115.
Doronicum minus officinarum. *Dalech. hist.* 1202.
Plantain-leaved Leopard's-bane.
Nat. of France, Spain, and Portugal.
Cult. 1570. *Lobel. adv.* 290.
Fl. May. H. ♃.

PERDICIUM. *Gen. pl. n.* 1298.

Recept. nudum. *Pappus* pilosus. *Corollulæ* bilabiatæ.

Anandria. 1. P. foliis petiolatis ovatisve dentatis basi subsinuatis subtus tomentosis: adultis glabriusculis. *Brown mss.*
Tussilago Anandria. *Willden. sp. pl.* 3. *p.* 1962.
Tussilago scapo unifloro calyce clauso. *Gmel. sib.* 2. *p.* 141. *t.* 68. *f.* 1.
Siberian Perdicium.
Nat. of Siberia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Tussilago *n.* 2.
Fl. March.

TETRAGONOTHECA. *Gen. pl. ed.* 6. *n.* 976.

Recept. paleaceum. *Pappus* 0. *Cal.* 1-phyllus, tetragonus, quadripartitus.

1. TETRAGONOTHECA. *Willden. sp. pl.* 3. *p.* 2116. *helianthoides.*
Polymnia tetragonotheca. *Schkuhr handb.* 3. *p.* 171. *t.* 263.
Sun-flower-like Tetragonotheca.
Nat. of Virginia.
Cult. 1726, by James Sherard, M. D. *Dill. elth.* 378. *t.* 283. *f.* 365.
Fl. August—October. H. ♃.

XIMENESIA. *Cavanill. ic.* 2. *p.* 60.

Recept. paleaceum. *Pappus* 0. *Sem.* radii nuda, emarginata; disci margine alata. *Cal.* polyphyllus, subæqualis.

1. XIMENESIA. *Willden. sp. pl.* 3. *p.* 2116. *Cavanill. ic.* 2. *p.* 60. *t.* 178. *encelioides.*
Mexican Ximenesia.
Nat. of Mexico.
Introd. 1795, by the Marchioness of Bute.
Fl. June—November. G. H. ♂.

HELENIUM. *Gen. pl.* 1299.

Recept. nudum: radii paleaceum. *Pappus* 5-aristatus. *Cal.* monophyllus, multipartitus. *Corollulæ* radii semitrifidæ.

1. H. foliis serratis glaberrimis. *Willden. sp. pl.* 3. *p.* 2120. *Schkuhr handb.* 3. *p.* 124. *t.* 250. *autumnale.*
Smooth Helenium.
Nat. of North America.
Cult. 1729, in Chelsea garden. *R. S. n.* 371.
Fl. August—October. H. ♃.

2. H. foliis serratis pubescentibus. *Willden. sp. pl.* 3. *p.* 2121. *pubescens.*
Downy Helenium.
Nat. of North America.
Introd. 1776, by Mr. William Malcolm.
Fl. August and September. H. ♃.

3. H. foliis inferioribus pinnatifidis; superioribus integer- *quadridentatum.*

integerrimis glabris, corollis disci quadridentatis. *Willden. sp. pl.* 3. *p.* 2121.
Rudbeckia alata. *Jacqu. ic.* 3. *t.* 593.
Wing-stalk'd Helenium.
Nat. of Louisiana.
Introd. 1790, by Abbé Pourret.
Fl. May—October. G. H. ♂.

BELLIS. *Gen. pl.* 1300.

Recept. nudum, conicum. *Pappus* nullus. *Cal.* hemisphæricus: squamis æqualibus. *Sem.* obovata.

perennis. 1. B. scapo nudo unifloro, foliis obovatis crenatis venosis. *Willden. sp. pl.* 3. *p.* 2121.
α. Bellis perennis. *Curtis lond. Engl. bot.* 424.
Common Daisy.
hortensis. β. Bellis perennis var. major flore pleno. *Curtis magaz.* 228.
Double Daisy.
fistulosa. γ. Bellis hortensis rubra, flore multiplici fistuloso. *Tournef. inst.* 491.
Quill'd Daisy.
prolifera. δ. Bellis hortensis prolifera. *Bauh. pin.* 262.
Proliferous or Hen and Chicken Daisy.
Nat. of Britain.
Fl. most part of the Year. H. ♃.

sylvestris. 2. B. scapo nudo unifloro, foliis obovatis crenatis trinerviis. *Willden. sp. pl.* 3. *p.* 2120.
Bellis sylvestris. *Cyrill. neapol.* 2. *p.* 12. *t.* 4.
Large Portugal Daisy.
Nat. of Portugal and Italy.
Cult. 1797, by John Symmons, Esq.
Fl. May—July. H. ♃.

annua. 3. B. caule subfolioso. *Willden. sp. pl.* 3. *p.* 2122.
Bellis minima pratensis, caule folioso. *Boccon. mus.* 46. *t.* 35.
Annual Daisy.
Nat. of Spain and the South of France.

Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. March—July. H. ⊙.

BELLIUM. *Gen. pl.* 1301.

Recept. nudum. *Sem.* conica, corona paleacea, 8-phylla, *Pappo*que aristata. *Cal.* foliolis æqualibus.

1. B. scapis nudis filiformibus. *Willden. sp. pl.* 3. *p.* 2122. *bellidioides.*
Bellis annua minima. *Triumf. obs.* 82. *cum tab.*
Small Bellium.
Nat. of Italy.
Cult. 1796, by R. A. Salisbury, Esq. *Salisb. prodr.* 202.
Fl. June—September. H. ⊙.

2. B. caule folioso capillari. *Willden. sp. pl.* 3. *p.* 2123. *minutum.*
Pectis minuta. *Schreb. in nov. act. upsal.* 1. *p.* 81. *t.* 5. *f.* 2.
Dwarf Bellium, or Bastard Daisy.
Nat. of the Levant.
Introd. 1772, by Mons. Richard.
Fl. June—October. H. ⊙.

DAHLIA. *Cavanill. ic.* 1. *p.* 57.

Recept. paleaceum. *Pappus* nullus. *Cal.* duplex: exterior polyphyllus; interior monophyllus, 8-partitus.

1. D. caule non pruinoso, ligulis fœmineis. *superflua.*
Georgina superflua. *Decandolle in annales du museum* 15. *p* 310.
Georgina variabilis. *Willden. enum.* 899.
Fertile-ray'd Dahlia.
α. Georgina purpurea. *Willden. sp. pl.* 3. *p.* 2124. purpurea.
Dahlia pourpre. *Thouin in annales du museum* 3. *p.* 423. *t.* 37. *f.* 1.
β. Georgina rosea. *Willden. sp. pl.* 3. *p.* 2124. lilacina.

Dahlia rose. *Thouin in annales du museum* 3. *p.* 423. *t.* 37. *f.* 3.
Dahlia sambucifolia. *Salisb. paradis.* 16.
nana. γ. Dahlia pinnata nana. *Andrews's reposit.* 483.
Nat. of Mexico.
Introd. 1789, by the Marchioness of Bute.
Fl. most part of the Autumn. H. ♃.

frustranea. 2. D. caule pruinoso, flosculis radii neutris.
Georgina frustranea. *Decandolle in annales du museum* 15. *p.* 310.
Georgina coccinea. *Willden. enum.* 899.
Dahlia coccinea. *Botan. magaz.* 762. *Thouin in annales du museum* 15. *t.* 37. *f.* 2.
Dahlia bidentifolia. *Salisb. paradis.* 19.
Barren-rayed Dahlia.
Nat. of Mexico.
Introd. 1802, by Mr. John Fraser.
Fl. September and October. H. ♃.

TAGETES. *Gen. pl.* 1302.

Recept. nudum. *Pappus* aristis 5, erectis. *Cal.* simplex, 1-phyllus, 5-dentatus, tubulosus. *Flosculi* radii 5, persistentes.

lucida. 1. T. foliis simplicibus lanceolatis tenuissime serratis basi ciliatis. *Willden. sp. pl.* 3. *p.* 2126. *Botan. magaz.* 740. *Andrews's reposit.* 359.
Sweet-scented Tagetes, or Chili Marygold.
Nat. of South America.
Introd. 1798, by the Marchioness of Bute.
Fl. July—November. G. H. ♃.

patula. 2. T. foliis pinnatis: foliolis lanceolatis ciliato-serratis, pedunculis unifloris subincrassatis, calycibus lævibus, caule patulo. *Willden. sp. pl.* 3. *p.* 2126.
α. flore simplici. *Curtis magaz.* 150.
Single-flower'd French Marygold.
β. flore pleno.
Double-flower'd French Marygold.

Nat. of Mexico.
Cult. 1573. *Tusser fol.* 41. *n.* 37.
Fl. July—October. H. ⊙.

3. T. foliis pinnatis: foliolis lanceolatis ciliato-serratis, pedunculis unifloris ventricoso-incrassatis, calycibus angulatis, caule erecto. *Willden. sp. pl.* 3. *p.* 2127. *erecta.*
α. Tagetes maximus rectus, flore simplici. *Bauh. hist.* 3. *p.* 100. *Knorr thes.* 1. *tab. S.* 6. *a.*
Single flower'd African Marygold.
β. Tagetes maximus rectus, flore maximo multiplicato. *Bauh. hist.* 3. *p.* 100. *Knorr thes.* 1. *tab. S.* 6.
Double-flower'd African Marygold.
γ. Caryophyllus mexicanus fistuloso flore simplici. *Column. ecphr.* 2. *p.* 47. *t.* 46. *f.* 1.
Quill-flower'd African Marygold.
Nat. of Mexico.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June—September. H. ⊙.

4. T. foliis pinnatis: foliolis lanceolatis serratis terminalibus subdecurrentibus, pedunculis multifloris squamosis, floribus coarctatis. *Willden. sp. pl.* 3. *p.* 2128. *minuta.*
Tagetes multiflora, minuto flore albicante. *Dill. elth.* 374. *t.* 280. *f.* 362.
Small-flower'd Tagetes, or Chili Marygold.
Nat. of Chili.
Cult. before 1728, by James Sherard, M.D. *Dill. elth. loc. cit.*
Fl. August—October. H. ⊙.

5. T. foliis pinnatis: foliolis linearibus serratis: serraturis inferioribus elongatis, caule paniculato, pedunculis alternis unifloris, calycibus clavatis. *Willden. sp. pl.* 3. *p.* 2128. *tenuifolia.*
Tagetes tenuifolia. *Cavanill. ic.* 2. *p.* 54. *t.* 169.
Fine-leaved Tagetes, or Peruvian Marygold.
Nat. of Peru.

Cult. 1797, by Mr. William Malcolm. *Herb. Banks.*
Fl. July—October. H. ⊙.

HETEROSPERMUM. *Cavanill. ic.* 3. *p.* 34.

Recept. nudum. *Sem.* exteriora compressa, margine membranacea; interiora oblonga, biaristata. *Cal.* duplex: exterior quadripartitus; interior polyphyllus.

pinnatum. 1. H. caule lævi, foliis pinnatis: foliolis lineari-subulatis integerrimis. *Willden. sp. pl.* 3. *p.* 2129.
Heterosperma pinnata. *Cavanill. ic.* 3. *p.* 34. *t.* 267.
Wing-leaved Heterospermum.
Nat. of New Spain.
Introd. 1799, by the Marchioness of Bute.
Fl. August and September. H. ⊙.

SCHKUHRIA. *Roth catal. bot.* 1. *p.* 166.

Recept. nudum. *Pappus* paleaceus. *Cal.* 5-phyllus. *Corollæ* radii solitariæ.

abrotanoides. 1. SCHKUHRIA. *Willden. sp. pl.* 3. *p.* 2130. *Schkuhr handb.* 3. *p.* 125. *t.* 250. *b.*
Wormwood-leaved Schkuhria.
Nat. of Mexico.
Introd. 1798, by the Marchioness of Bute.
Fl. July—September. H. ⊙.

PECTIS. *Gen. pl.* 1306.

Recept. nudum. *Pappus* 3- s. 5-aristatus. *Cal.* 5-phyllus. *Corollæ* radii 5.

ciliaris. 1. P. foliis linearibus amplexicaulibus basi ciliatis apice attenuatis. *Willden. sp. pl.* 3. *p.* 2131.
Jacobæa foliis salicis ad marginem villosis. *Plum. ic.* 151. *f.* 2.
Ciliated Pectis.
Nat. of Hispaniola,

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ⊙.

2. P. foliis linearibus sessilibus acutis basi ciliatis. *linifolia.*
Willden. sp. pl. 3. *p.* 2131.
Hieracium fruticosum angustissimis gramineis foliis, capitulis parvis. *Sloan. jam.* 1. *p.* 255. *t.* 149. *f.* 3.
Flax-leaved Pectis.
Nat. of Jamaica.
Cult. 1732, by Mr. Ph. Miller. *R. S. n.* 511.
Fl. July and August. S. ⊙.

LEYSERA. *Gen. pl.* 1303.

Recept. subpaleaceum. *Pappus* paleaceus: disci etiam plumosus. *Cal.* scariosus.

1. L. foliis lineari-subulatis ciliato scabris, calycinis squamis lanceolatis. *Willden. sp. pl.* 3. *p.* 2132. *gnaphalodes.*
Jacqu. ic. 3. *t.* 588. *collect.* 2. *p.* 343.
Woolly Leysera.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July—September. G. H. ♄.

RELHANIA. *Gen. pl.* 1304.

Recept. paleaceum. *Pappus* membranaceus, cylindraceus, brevis. *Cal.* imbricatus, scariosus, *Cor.* radii plurimæ.

1. R. foliis oblongis acuminatis enerviis apice recurvis. *Willden. sp. pl.* 3. *p.* 2135. *squarrosa.*
Cross leaved Relhania.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. May and June. G. H. ♄.

ZINNIA. *Gen. pl.* 1305.

Recept. paleaceum. *Pappus* aristis 2, erectis. *Cal.*
ovato-

ovato-cylindricus, imbricatus. *Flosculi* radii 5, persistentes, integri.

pauciflora. 1. Z. floribus sessilibus, foliis oppositis cordato-lanceolatis amplexicaulibus sessilibus. *Willden. sp. pl.* 3. *p.* 2139.
Bidens calyce oblongo squamoso, seminibus radii corolla non decidua coronatis. *Mill. ic.* 1. *p.* 43. *t.* 64.
Yellow Zinnia.
Nat. of Peru.
Cult. 1753, by Mr. Ph. Miller. *Mill. ic. loc. cit.*
Fl. July and August. H. ⊙.

multiflora. 2. Z. floribus pedunculatis, foliis oppositis ovato-lanceolatis subpetiolatis. *Willden. sp. pl.* 3. *p.* 2139. *Curtis magaz.* 149.
Many-flower'd Zinnia.
Nat. of North America.
Cult. before 1770, by Mr. Ph. Miller. *R. S. n.* 2450.
Fl. June—October. H. ⊙.

verticillata. 3. Z. floribus pedunculatis, foliis verticillatis ovato-lanceolatis petiolatis, radio duplici. *Willden. sp. pl.* 3. *p.* 2140.
Zinnia verticillata. *Andrews's reposit.* 189.
Whorl-leaved Zinnia.
Nat. of Mexico.
Introd. about 1789, by Messrs. Lee and Kennedy.
Fl. July and August. H. ⊙.

elegans. 4. Z. floribus pedunculatis, foliis oppositis cordato-ovatis sessilibus amplexicaulibus, caule hirto, paleis corollæ serratis. *Willden. sp. pl.* 3. *p.* 2140.
Zinnia elegans. *Botan. magaz.* 527.
Zinnia violacea. *Andrews's reposit.* 55.
Purple-flower'd Zinnia.
Nat. of Mexico.
Introd. 1796, by the Marchioness of Bute.
Fl. June—August. H. ⊙.

5. Z. floribus pedunculatis, foliis oppositis cordato-lanceolatis petiolatis, radio lineari-lanceolato reflexo. *Willden. sp. pl.* 3. *p.* 2140. *Botan. magaz.* 555. *tenuiflora.*
Slender-flower'd Zinnia.
Nat. of Mexico.
Introd. 1799, by E. J. A. Woodford, Esq.
Fl. July and August. H. ⊙.

CHRYSANTHEMUM. *Gen. pl.* 1307.

Recept. nudum. *Pappus* nullus. *Cal.* hemisphæricus, imbricatus: squamis marginalibus membranaceis.

* *Leucanthema.*

1. C. fruticosum, foliis glabris basi attenuatis pinnatifidis: laciniis incisis. *Willden. sp. pl.* 3. *p.* 2141. *pinnatifidum.*
Cut-leaved Chrysanthemum.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1777.
Fl. May—August. G. H. ♄.

2. C. foliis omnibus cuneiformi-oblongis argute serratis, caule simplici unifloro erecto. *Willden. sp. pl.* 3. *p.* 2142. *atratum.*
Fleshy-leaved Chrysanthemum.
Nat. of Austria and Switzerland.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Leucanthemum 2.
Fl. July and August. H. ♃.

3. C. foliis amplexicaulibus lanceolatis serratis basi inciso-dentatis, caule erecto ramoso. *Willden. sp. pl.* 3. *p.* 2142. *Curtis lond. Engl. bot.* 601. *Fl. dan.* 994. *Leucanthemum.*
Ox-eye Daisy.
Nat. of Britain.
Fl. June and July. H. ♃.

4. C. foliis inferioribus petiolatis spathulatis serratis; superioribus *montanum.*

superioribus lineari-lanceolatis serratis, caule subunifloro. *Willden. sp. pl.* 3. *p.* 2143.
Chrysanthemum montanum. *Jacqu. obs.* 4. *p.* 9. *t.* 91.
Mountain Chrysanthemum.
Nat. of the South of France.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 4.
Fl. June and July. H. ♃.

ceratophylloides. 5. C. foliis pinnatis: pinnis linearibus acutis, caule erecto unifloro. *Willden. sp. pl.* 3. *p.* 2144.
Chrysanthemum ceratophylloides. *Allion. pedem.* 1. *p.* 190. *t.* 37. *f.* 1.
Buck's-horn Chrysanthemum.
Nat. of Piedmont.
Introd. 1803, by Mr. John Hunnemann.
Fl. June and July. H. ♃.

graminifolium. 6. C. foliis linearibus subintegerrimis, caule simplicissimo. *Willden. sp. pl.* 3. *p.* 2144. *Jacqu. obs.* 4. *p.* 9. *t.* 92.
Grass-leaved Chrysanthemum.
Nat. of Montpelier.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Leucanthemum 2.
Fl. May—July.

monspeliense. 7. C. foliis imis palmatis: foliolis linearibus pinnatifidis. *Willden. sp. pl.* 3. *p.* 2145. *Schkuhr handb.* 3. *p.* 130. *t.* 253.
Montpelier Chrysanthemum.
Nat. of Montpelier.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Leucanthemum 1.
Fl. June—September. H. ♃.

Achilleæ. 8. C. foliis bipinnatis: pinnis oblongis serratis, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 2145.
Parthenium foliis tenuissimis, achilleæ cæsuris. *Mich. gen.* 34. *t.* 29.
Milfoil-leaved Chrysanthemum.

Nat. of Italy.
Introd. 1775, by Mons. Thouin.
Fl. June—August. H. ♃.

9. C. foliis bipinnatis incanis: foliolis acutis integerrimis, caule unifloro simplici. *Willden. sp. pl.* 3. *p.* 2146. *argenteum.*
Silver-leaved Chrysanthemum.
Nat. of the Levant.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Chamæmelum 8.
Fl. July and August. H. ♃.

10. C. foliis radicalibus tripartitis inciso-dentatis; caulinis cuneiformibus tripartitis obtusis. *Willden. sp. pl.* 3. *p.* 2146. *hort. berolin.* 33. *arcticum.*
Northern Chrysanthemum.
Nat. of Kamtchatka.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. H. ♃.

11. C. foliis bipinnatis carnosis glabris, squamis calycinis carinatis. *Willden. sp. pl.* 3. *p.* 2146. *carinatum.*
Chrysanthemum tricolor. *Botan. magaz.* 508. *Andrews's reposit.* 109.
Three-colour'd Chrysanthemum.
Nat. of Barbary.
Introd. 1796, by Messrs. Fraser.
Fl. July—October. H. ⊙.

** *Chrysanthema.*

12. C. foliis ovatis basi attenuatis trilobis dentatis, caule ramoso, ramis unifloris. *Willden. sp. pl.* 3. *p.* 2147. *Curtis magaz.* 327. *indicum.*
Anthemis grandiflora. *Ramatuelle in journal d' hist. nat.* 2 *p.* 234. *Desfont. arb.* 1. *p.* 315.
Anthemis artemisiæfolia. *Willden. sp. pl.* 3. [illegible] 4
[illegible] ndica. *Mill. dict. ed.* 8.
[illegible] an Chrysanthemum.
α [illegible]
β [illegible] Chrysanthemum.
γ. Straw-

γ. Straw-colour quill'd Indian Chrysanthemum.
δ. White quill'd Indian Chrysanthemum.
ε. Purple quill'd Indian Chrysanthemum.
ζ. Lilac-colour'd Indian Chrysanthemum.
η. Copper-colour'd Indian Chrysanthemum.
ϑ. Brown Indian Chrysanthemum.
Nat. of China.
Cult. 1764, by Mr. Ph. Miller. *R. S. n.* 2112.
Fl. September—November. G. H. ♃.

segetum. 13. C. foliis amplexicaulibus superne laciniatis; inferne dentato-serratis. *Willden. sp. pl.* 3. *p.* 2148. *Curtis lond. Engl. bot.* 540. *Fl. dan.* 995.
Corn Marygold.
Nat. of Britain.
Fl. June—August. H. ⊙.

Myconis. 14. C. foliis lingulatis obtusis serratis, calycinis squamis æqualibus. *Willden. sp. pl.* 3. *p.* 2148. *Jacqu. obs.* 4. *p.* 10. *t.* 94.
Tongue-leaved Chrysanthemum.
Nat. of Italy and Portugal.
Introd. 1775, by Mons. Thouin.
Fl. July and August. H. ⊙.

italicum. 15. C. foliis bipinnatis serratis, florum radiis longitudine disci, caule procumbente. *Willden. sp. pl.* 3. *p.* 2148.
Italian Chrysanthemum.
Nat. of Italy.
Cult. 1796, by W. B. Coyte, M. D. *Hort. Gippov.* 110.
Fl. June and July. H. ♃.

coronarium. 16. C. foliis bipinnatifidis acutis extrorsum latioribus, caule ramoso. *Willden. sp. pl.* 3. *p.* 2149.
Chrysanthemum creticum. *Clus. hist.* 1. *p.* 334.
α. flore simplici.
Common Garden Chrysanthemum.
β. flore pleno.
Double-flower'd Garden Chrysanthemum.

Nat. of Candia and Sicily.
Cult. 1629. *Park. parad.* 297. *f.* 1.
Fl. July—September. H. ⊙.

PYRETHRUM. *Smith fl. brit.* 2. *p.* 900.

Recept. nudum. *Pappus* marginatus. *Cal.* hemisphæricus, imbricatus: squamis acutiusculis, margine scariosis.

1. P. fruticosum, foliis carnosis pinnatifidis linearibus dentatis: summis linearibus trifidis. *Willden. sp. pl.* 3. *p.* 2150. *frutescens.*
Leucanthemum canariense, sapore pyrethri. *Walth. hort.* 31. *t.* 24.
Shrubby Feverfew.
Nat. of the Canary Islands.
Cult. 1699, in Oxford garden. *Moris. hist.* 3. *p.* 35. *n.* 7.
Fl. most part of the Year. G. H. ♄.

2. P. foliis linearibus serrulatis, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 2151. *ptarmicæfolium.*
Sneeze-wort-leaved Feverfew.
Nat. of Mount Caucasus.
Introd. 1803, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

3. P. foliis lanceolatis: inferioribus apice serratis; superioribus integerrimis, ramis corymbosis. *Willden. sp. pl.* 3. *p.* 2151. *serotinum.*
Chrysanthemum serotinum. *Jacqu. obs.* 4. *p.* 8. *t.* 90.
Creeping-rooted Feverfew.
Nat. of North America.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Leucanthemum 3.
Fl. September and October. H. ♃.

4. P. foliis inferioribus pinnatifido-dentatis; summis linearibus integerrimis, caule unifloro. *Willden. sp. pl.* 3. *p.* 2153. *alpinum.*

Leucanthemum alpinum. *Clus. hist.* 1. *p.* 335.
Alpine Feverfew.
Nat. of Switzerland.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Chrysanthemum 6.
Fl. July and August. H. ♃.

Balsamita. 5. P. foliis ovato-oblongis serratis: radicalibus petiolatis; caulinis sessilibus basi auriculatis, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 2153.
Chrysanthemum Balsamita. *Jacqu. obs.* 4. *p.* 8. *t.* 89.
Costmary-leaved Feverfew.
Nat. of the Levant.
Cult. 1779, by John Blackburne, Esq. *Orford catal.* 17. Chrysanthemum 4.
Fl. July and August. H. ♃.

macrophyllum. 6. P. foliis hirtis subsessilibus pinnatifidis dentatis obtusis, corymbo terminali composito. *Willden. sp. pl.* 3. *p.* 2154.
Chrysanthemum macrophyllum. *Waldst. et Kitaib. hung.* 1. *p.* 97. *t.* 94.
Large-leaved Feverfew.
Nat. of Hungary.
Introd. 1803, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

roseum. 7. P. foliis pinnatis glabris: pinnis bipinnatifidis pinnatifidisque: lacinulis acutis divergentibus, caulibus erectis unifloris, calycibus glabris: squamis margine sphacelatis. *Marsch. fl. taur. caucas.* 2. *p.* 324. *Willden. enum.* 905.
Chrysanthemum coccineum. *Willden. sp. pl.* 3. *p.* 2144. *Botan. magaz.* 1080.
Nat. of Mount Caucasus.
Introd. 1804, by Messrs. Loddiges.
Fl. August and September. H. ♃.

corymbosum. 8. P. foliis pinnatis: pinnis lanceolatis pinnatifidis

argute serratis: summis confluentibus, pedunculis corymbosis. *Willden. sp. pl.* 3. *p.* 2155.
Chrysanthemum corymbosum. *Jacqu. austr.* 4. *p.* 41. *t.* 379.
Mountain Feverfew.
Nat. of Germany and Siberia.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June—August. H. ♃.

9. P. foliis pinnatis: pinnis oblongis obtusis pinnatifidis dentatis: summis confluentibus, caule ramoso, floribus corymbosis, radio calyce fere duplo longiore, pappo dentato. *Willden. sp. pl.* 3. *p.* 2155. *Engl. bot.* 1231. *Parthenium.*
α. floribus simplicibus.
Common Feverfew.
β. floribus plenis.
Double Feverfew.
Nat. of Britain.
Fl. June—September. H. ♃.

10. P. foliis bipinnatis: foliolis lineari-subulatis, caule unifloro. *Willden. sp. pl.* 3. *p.* 2156. *caucasicum.*
Caucasian Feverfew.
Nat. of Mount Caucasus.
Introd. 1804, by Mr. George Don.
Fl. July and August. H. ♃.

11. P. foliis bipinnatis: pinnis lineari-filiformibus bi- vel tripartitis, caule diffuso ramoso, pappo integerrimo. *Willden. sp. pl.* 3. *p.* 2157. *Engl. bot.* 676. *inodorum.*
Corn Feverfew. Scentless Mayweed.
Nat. of Britain.
Fl. August and September. H. ⊙.

12. P. foliis bipinnatis: pinnis linearibus obtusis carnosis trifidis, caule diffuso ramoso, pappo lobato. *Willden. sp. pl.* 3. *p.* 2157. *Engl. bot.* 979. *maritimum.*
Sea Feverfew.
Nat. of Britain.
Fl. June—October. H. ♃.

13. P. fo-

millefoliatum. 13. P. foliis bipinnatis linearibus obtusis, caule adscendente subcorymboso, radio squamarum calycis longitudine. *Willden. sp. pl.* 3. *p.* 2160.
Achillea foliis pinnatis, foliolis lineari-lanceolatis basi sursum auctis. *Mill. ic.* 1. *p.* 6. *t.* 9.
Milfoil-leaved Feverfew.
Nat. of Siberia.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Leucanthemum 4.
Fl. all the Summer. H. ♃.

bipinnatum. 14. P. foliis incanis bipinnatis linearibus obtusis, caule simplici, pedunculis subgeminatis, radio disco breviore. *Willden. sp. pl.* 3. *p.* 2160.
Pyrethrum foliis duplicato-pinnatis, pinnulis incisis, pedunculis unifloris. *Gmel. sib.* 2. *p.* 205. *t.* 85. *f.* 1.
Wing-leaved Feverfew.
Nat. of Siberia.
Introd. 1796, by Joseph Bush, Esq.
Fl. June and July. H. ♃.

indicum. 15. P. foliis pinnatifidis: pinnis inciso-dentatis, pedunculis longis subnudis unifloris, squamis calycinis obtusis, seminibus tetragonis. *Botan. magaz.* 1521.
East Indian Feverfew.
Nat. of the East Indies. *William Roxburgh*, M. D.
Introd. 1810, by A. B. Lambert, Esq.
Fl. most part of the Summer. H. ⊙.

MATRICARIA. *Gen. pl.* 1308.

Recept. nudum, cylindraceo-conicum. *Pappus* nullus. *Cal.* planus, imbricatus: squamis margine scariosis.

suaveolens. 1. M. foliis triplicato-pinnatis, squamis calycinis acutis. *Willden. sp. pl.* 3. *p.* 2161.
Sweet Matricaria.
Nat. of Europe.

Introd. 1781, by Mons. Thouin.
Fl. June—August. H. ⊙.

2. M. foliis bipinnatis, squamis calycinis obtusiusculis. *Willden. sp. pl.* 3. *p.* 2161. *Curtis lond. Engl. bot.* 1232. *Svensk bot.* 50. *Chamomilla.*
Wild Chamomile.
Nat. of Britain.
Fl. May—July. H. ⊙.

3. M. foliis bipinnatifidis glabris, caule ramoso suffruticoso. *Willden. sp. pl.* 3. *p.* 2162. *capensis.*
Chamæmelum Leucanthemum crassioribus foliis e Cap. b. spei. *Seb. thes.* 1. *t.* 16. *f.* 2.
Cape Matricaria.
Nat. of the Cape of Good Hope.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 36. *n.* 16.
Fl. July—September. G. H. ♂.

BOLTONIA. *Gen. pl.* 1309.

Recept. favosum, hemisphæricum. *Pappus* dentato-aristatus, subbicornis. *Cor.* radii plurimæ. *Cal.* imbricatus.

1. B. foliis integerrimis. *Willden. sp. pl.* 3. *p.* 2162. *asteroides.*
Star-wort-flower'd Boltonia.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. August—October. H. ♃.

2. B. foliis inferioribus serratis. *Willden. sp. pl.* 3. *p.* 2163. *glastifolia.*
Glaucous-leaved Boltonia.
Nat. of North America.
Cult. 1758, by Mr. Philip Miller.
Fl. September. H. ♃.

LIDBECKIA. *Berg. cap.* 307.

Recept. nudum. *Pappus* 0. *Sem.* angulata, articulo styli infimo persistente. *Cor.* radii plurimæ. *Cal.* multipartitus.

1. L. fo-

pectinata. 1. L. foliis pinnatifidis subtus glaucis. *Willden. sp. pl.* 3. *p.* 2164.
Lidbeckia pectinata. *Berg. cap.* 306. *t.* 5. *f.* 9.
Silver-leaved Lidbeckia.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. May and June. G. H. ♄.

COTULA. *Gen. pl.* 1310.

Recept. subnudum. *Pappus* marginatus. *Corollulæ* disci 4-fidæ; radii fere nullæ.

anthemoides. 1. C. foliis pinnato-multifidis dilatatis, corollis radio destitutis. *Willden. sp. pl.* 3. *p.* 2165.
Ananthocyclus chamæmeli folio. *Dill. elth.* 26. *t.* 23. *f.* 25.
Anthemis-like Cotula.
Nat. of the Island of St. Helena.
Cult. 1696, in Chelsea garden. *Pluk. alm.* 101. *n.* 8.
Fl. July and August. S. ⊙.

coronopifolia. 2. C. foliis lanceolato-linearibus amplexicaulibus pinnatifido-dentatis, caule procumbente, ramis unifloris. *Willden. sp. pl.* 3. *p.* 2167. *Fl. dan.* 341.
Buck's-horn Cotula.
Nat. of the Cape of Good Hope.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 83. *n.* 5.
Fl. July and August. G. H. ⊙.

turbinata. 3. C. receptaculis subtus inflatis turbinatis, floribus radiatis. *Linn. sp. pl.* 1258.
Lidbeckia turbinata. *Willden. sp. pl.* 3. *p.* 2164.
Chamæmelum æthiopicum lanuginosum. *Breyn. cent.* 148. *t.* 73.
Radiated Cotula.
Nat. of the Cape of Good Hope.
Cult. 1713, in Chelsea garden. *Philosoph. transact. n.* 337. *p.* 59. *n.* 89.
Fl. July and August. G. H. ⊙.

4. C. fo-

4. C. foliis lyrato-pinnatis, floribus radiatis. *Willden. sp. pl.* 3. *p.* 2167. *viscosa.*
Clammy Cotula.
Nat. of Vera Cruz.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacobæa 19.
Fl. August. S. ♃.

5. C. foliis tripinnatis: lacinulis acutis, caule erecto, floribus flosculosis corymbosis. *Willden. sp. pl.* 3. *p.* 2168. *tanacetifolia.*
Millefolium camphoratum aureum, Monomotapense. *Pluk. mant.* 130. *t.* 430. *f.* 7.
Tansy-leaved Cotula.
Nat. of the Cape of Good Hope.
Cult. before 1780, by John Fothergill, M. D. *Hort. upton.* 25.
Fl. June—August. G. H. ⊙.

6. C. foliis oblongo-cuneatis repando-dentatis petiolatis, floribus axillaribus sessilibus. *Willden. sp. pl.* 3. *p.* 2170. *minima.*
Artemisia minima. *Burm. ind.* 177. *t.* 58. *f.* 3.
Least Cotula.
Nat. of China.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. Artemisia 5.
Fl. July and August. H. ⊙.

7. C. foliis oblongis sinuatis dentatis pubescentibus, caule ramoso procumbente, pedunculis unifloris oppositifoliis. *Willden. sp. pl.* 3. *p.* 2170. *maderaspatana.*
Absinthium maderaspatanum, senecionis incani folio, corymbis solitariis in ramulorum fastigio speciosis. *Pluk. amalth.* 3. *t.* 353. *f.* 3.
Madras Cotula.
Nat. of the East Indies.
Introd. 1780, by Mons. Thouin.
Fl. July and August. S. ⊙.

8. C. foliis obovatis dentatis basi incisis petiolatis, pedunculis ramosis. *Willden. sp. pl.* 3. *p.* 2171. *bicolor.*

Grangea. *Lamarck. illustr. t.* 699. *f.* 1.
Two-colour'd Cotula.
Nat. of the East Indies.
Introd. about 1804, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. S. ⊙.

ANACYCLUS. *Gen. pl.* 1311.

Recept. paleaceum. *Pappus* emarginatus. *Sem.* lateribus membranaceis.

creticus. 1. A. foliis bipinnatis: foliolis oblongis, caule procumbente. *Willden. sp. pl.* 3. *p.* 2171. *Desfont. in annales du museum* 11. *p.* 164. *t.* 22.
Trailing Anacyclus,
Nat. of the Island of Candia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 1.
Fl. June—August. H. ⊙.

orientalis. 2. A. foliis bipinnatis: foliolis lineari-subulatis planis, caule adscendente, pedunculo nudo terminali. *Willden. sp. pl.* 3. *p.* 2172.
Chamæmelum orientale, foliis pinnatis. *Boerh. lugdb.* 1. *p.* 110. *cum tab.*
Oriental Anacyclus.
Nat. of the Levant.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Chamæmelum 12.
Fl. June—August. H. ⊙.

aureus. 3. A. foliis bipinnatis teretiusculis incanis excavato-punctatis. *Willden. sp. pl.* 3. *p.* 2172.
Anthemis Chrysanthemon herbariorum. *Lobel. ic.* 1. *p.* 771.
Golden-flower'd Anacyclus.
Nat. of the South of Europe and the Levant.
Cult. 1570. *Lobel. adv.* 343.
Fl. June—August. H. ⊙.

valentinus. 4. A. foliis decompositis linearibus: laciniis divisis teretiusculis acutis, floribus flosculosis. *Willden. sp.*

sp. pl. 3. *p.* 2173. *Schkuhr handb.* 3. *p.* 135. *t.* 254. *b.*

Fine-leaved Anacyclus.

Nat. of Spain.

Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Tradesc.* 93.

Fl. June and July. H. ⊙.

ANTHEMIS. *Gen. pl.* 1312.

Recept. paleaceum. *Pappus* nullus s. margo membranaceus. *Cal.* hemisphæricus, subæqualis. *Flosculi* radii plures quam 5.

* *Radio discolore s. albo.*

1. A. foliis bipinnatifidis: laciniis linearibus subulato-dentatis, paleis teretibus pungentibus basi dilatatis. *Willden. sp. pl.* 3. *p.* 2174. *Cota.*

Bellis montana, tanaceti foliis, caule singulari, annua. *Pluk. alm.* 65. *t.* 17. *f.* 5.

Venetian Chamomile.

Nat. of Italy.

Cult. before 1714. *Philosoph. transact. n.* 342. *p.* 284. *n.* 14.

Fl. July and August. H. ⊙.

2. A. foliis bipinnatifidis: laciniis lanceolatis subdentatis: dentibus inferioribus subreflexis, paleis lanceolatis cuspidatis. *Willden. sp. pl.* 3. *p.* 2174. *altissima.*

Chamæmelo affine Buphthalmum italicum segetum altissimum. *Bauh. hist.* 3. *p.* 120.

Tall Chamomile.

Nat. of France, Italy, and Spain.

Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Chamæmelum 6.

Fl. August. H. ⊙.

3. A. foliis bipinnatifidis subtus punctatis: laciniis lanceolatis integris, seminibus nudis, caule herbaceo. *Willden. sp. pl.* 3. *p.* 2175. *Engl. bot.* 2370. *maritima.*

Sea Chamomile.
Nat. of England.
Fl. July and August. H. ⊙.

clavata. 4. A. foliis bipinnatis linearibus, pedunculis inflatis, seminibus alatis. *Willden. sp. pl.* 3. *p.* 2176.
Club'd Chamomile.
Nat. of Barbary.
Introd. 1801, by Mons. Thouin.
Fl. July and August. H. ⊙.

tomentosa. 5. A. tota nivea, foliis pinnatis: pinnis tri- quinquefidisve, calycibus tomentosis, caule erecto. *Willden. sp. pl.* 3. *p.* 2176.
Downy Chamomile.
Nat. of the Levant.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. July—October. H. ♃.

mixta. 6. A. foliis sessilibus pinnatifidis: laciniis dentatis, caule erecto ramoso. *Willden. sp. pl.* 3. *p.* 2177.
Anthemis maritima lanuginosa annua, foliis crassis pyrethri sapore, semiflosculis albis juxta discum luteis. *Mich. gen.* 32. *t.* 30. *f.* 1.
Simple-leaved Chamomile.
Nat. of France and Italy.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Chamæmelum 9.
Fl. July and August. H. ⊙.

chia. 7. A. foliis bipinnatifidis petiolatis: laciniis trifidis oblongis acutis, petiolis vaginatis: vaginis dentatis. *Willden. sp. pl.* 3. *p.* 2179.
Cut-leaved Chamomile.
Nat. of Chio.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Chamæmelum 7.
Fl. June—October. H. ⊙.

nobilis. 8. A. foliis bipinnatis: foliolis tripartitis lineari-subulatis

latis subvillosis, caule basi ramoso. *Willden. sp. pl.* 3. *p.* 2180. *Engl. bot.* 980.
Common Chamomile.
Nat. of Britain.
Fl. July—September. H. ♃.

9. A. receptaculis conicis, paleis lanceolatis, seminibus coronato-marginatis, foliis bipinnatis: laciniis lanceolato-linearibus. *Willden. sp. pl.* 3. *p.* 2180. *Engl. bot.* 602. *arvensis.*
Corn Chamomile.
Nat. of Britain.
Fl. June and July. H. ♂.

10. A. receptaculis conicis, paleis oblongis mucronatis, seminibus nudis, foliis bipinnatis lanuginoso-villosis. *Willden. sp. pl.* 3. *p.* 2181. *austriaca.*
Anthemis austriaca. *Jacqu. austr.* 5. *p.* 22. *t.* 444.
Austrian Chamomile.
Nat. of Austria.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 16.
Fl. most part of the Summer. H. ⊙.

11. A. receptaculis conicis, paleis setaceis, seminibus nudis, foliis bipinnatis: foliolis subulatis tripartitis. *Willden. sp. pl.* 3. *p.* 2181. *Curtis lond. Engl. bot.* 1772. *Cotula.*
Stinking Mayweed, or Chamomile.
Nat. of Britain.
Fl. June—September. H. ⊙.

12. A. receptaculis subconicis, paleis oblongis obtusis, seminibus nudis, foliis bipinnatis lineari-filiformibus tripartitis. *Willden. sp. pl.* 3. *p.* 2182. *fuscata.*
Brown-scaled Chamomile.
Nat. of Portugal.
Introd. 1805, by Mr. Holboël.
Fl. July and August. H. ⊙.

13. A. foliis pinnatis pubescentibus: pinnis linearibus trifidis obtusiusculis, caule adscendente, pedunculis *montana.*

dunculis elongatis nudis tomentosis. *Willden. sp. pl.* 3. *p.* 2183.
Anthemis fruticosa, foliolis linearibus carnosis, pedunculis longis erectis nudis unifloris. *Ger. prov.* 209. *t.* 8.
Mountain Chamomile.
Nat. of Italy and the Pyrenees.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. July—October. H. ♃.

Pyrethrum. 14. A. foliis triplicato-pinnatis; foliolis linearibus, caule decumbente, ramis axillaribus unifloris. *Willden. sp. pl.* 3. *p.* 2184. *Botan. magaz.* 462.
Spanish Chamomile. Pellitory of Spain.
Nat. of the South of Europe and the Levant.
Cult. 1570. *Lobel. adv.* 346.
Fl. June and July. H. ♃.

** *Radio concolore s. luteo.*

buphthalmoides. 15. A. foliis oppositis petiolatis ovatis serratis triplinerviis subtus pubescentibus, radio multifloro. *Willden. sp. pl.* 3. *p.* 2185.
Anthemis buphthalmoides. *Jacqu. hort. schœnbr.* 2. *p.* 13. *t.* 151.
Oval-leaved Peruvian Chamomile.
Nat. of South America.
Introd. 1798, by the Marchioness of Bute.
Fl. July—September. H. ⊙.

trilobata. 16. A. foliis petiolatis trilobis: lobis sinuato-angulosis. *Willden. sp. pl.* 3. *p.* 2186.
Three-lobed Chamomile.
Nat. of Mexico.
Introd. 1798, by the Marchioness of Bute.
Fl. July—September. F. ♃.

globosa. 17. A. foliis hirtis bipinnatifidis: laciniis trifidis lanceolato-linearibus, caule suberecto diviso. *Willden. sp. pl.* 3. *p.* 2187. *Jacqu. hort. schœnbr.* 3. *p.* 64. *t.* 371.

Globe Chamomile.
Nat. of Mexico.
Introd. 1798, by the Marchioness of Bute.
Fl. August and September. G. H. ♃.

18. A. foliis triplicato-pinnatis: pinnulis lineari-subulatis pubescentibus, caule ramoso divaricato, ramis caule altioribus, pedunculis incrassatis. *Willden. sp. pl.* 3. *p.* 2188. *valentina.*
Buphthalmum creticum, cotulæ facie. *Breyn. cent.* 150. *t.* 75.
Purple-stalk'd Chamomile.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July and August. H. ⊙.

19. A. foliis bipinnatifidis serratis subtus pubescentibus, caule erecto ramoso, pappo membranaceo integerrimo. *Willden. sp. pl.* 3. *p.* 2189. *Engl. bot.* 1472. *Svensk bot.* 62. *tinctoria.*
Ox-eye Chamomile.
Nat. of Britain.
Fl. June—November. H. ♃.

20. A. foliis pinnatis: pinnis linearibus tripartitis, caule prolifero, floribus solitariis, alaribus sessilibus. *Willden. sp. pl.* 3. *p.* 2189. *Smith spicil.* 9. *t.* 10. *arabica.*
Arabian Chamomile.
Nat. of Barbary.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 21.
Fl. July and August. H. ⊙.

SANVITALIA. *Cavanill. ic.* 4. *p.* 30.

Recept. paleaceum. *Semina* radii triaristata: marginis nuda verrucosa; centri alata. *Cal.* imbricatus planus.

1. S. caule procumbente, foliis ovatis integerrimis. *Willden. sp. pl.* 3. *p.* 2190. *procumbens.*
Sanvitalia villosa. *Cavanill. ic.* 4. *p.* 31. *t.* 351.

Trailing Sanvitalia.
Nat. of Mexico.
Introd. 1798, by the Marchioness of Bute.
Fl. July and August. H. ⊙.

ACHILLEA. *Gen. pl.* 1313.

Recept. paleaceum. *Pappus* nullus. *Cal.* ovatus, imbricatus. *Flosculi* radii circiter 4.

* *Foliis indivisis.*

Herba rota. 1. A. foliis linearibus basi attenuatis serratis cauleque glabris. *Willden. sp. pl.* 3. *p.* 2191.
Achillea herbarota. *Allion. pedem.* 1. *p.* 180. *t.* 9. *f.* 3.
Herbarota Milfoil.
Nat. of the South of France and Piedmont.
Cult. 1640. *Park. theatr.* 78. *n.* 3.
Fl. June—August. H. ♃.

Ptarmica. 2. A. foliis linearibus acuminatis æqualiter argute serratis glabris. *Willden. sp. pl.* 3. *p.* 2191. *Curtis lond. Engl. bot.* 757. *Svensk bot.* 207.
α. flore simplici.
Common Sneeze-wort. Yarrow. Goose-tongue.
β. flore pleno.
Double-flower'd Sneeze-wort.
Nat. of Britain.
Fl. July—November. H. ♃.

cristata, 3. A. foliis linearibus planis acuminatis dentatis: dentibus emarginatis transversis ciliato-serratis, caule ramoso diffuso superne pubescente. *Willden. sp. pl.* 3. *p.* 2192.
Slender-branch'd Milfoil.
Nat. of Italy.
Introd. 1784, by Mr. John Græffer.
Fl. July and August. H. ♃.

Ageratum. 4. A. foliis oblongis obtusis serratis in petiolum attenuatis fasciculatis glabris, corymbo composito coarctato. *Willden. sp. pl.* 3. *p.* 2193.

Ageratum septentrionalium et anglicum. *Lobel. ic.* 1. *p.* 489.
Sweet Milfoil, or Maudlin.
Nat. of the South of Europe.
Cult. 1570. *Lobel. adv.* 208.
Fl. August—October. H. ♃.

** *Foliis pinnatifidis.*

5. A. foliis linearibus pectinato-pinnatifidis glabris: laciniis subserratis, corymbo composito. *Willden. sp. pl.* 3. *p.* 2193. *alpina.*
Ptarmica alpina millefolii folio. *Boccon. mus.* 141. *t.* 101.
Alpine Milfoil.
Nat. of Siberia and Switzerland.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Ptarmica 4.
Fl. July—November. H. ♃.

6. A. foliis tomentosis lineari-lanceolatis pinnatifidis: laciniis basi profundioribus. *Willden. sp. pl.* 3. *p.* 2194. *serrata.*
Saw-leaved Milfoil.
Nat. of Switzerland.
Cult. before 1686, by Mr. John Ray. *Raj. hist.* 344. *n.* 2.
Fl. August and September. H. ♃.

7. A. foliis tomentosis pinnatifidis: laciniis linearibus obtusis: summis apice subdentatis, corymbo simplici. *Willden. sp. pl.* 3. *p.* 2195. *Botan. magaz.* 1287. *Clavennæ.*
Silver-leaved Milfoil.
Nat. of Austria.
Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Trad.* 74.
Fl. June and July. H. ♃.

8. A. foliis pectinato-pinnatifidis glabris: laciniis linearibus acutis: inferioribus bipartitis, corymbo simplici. *Willden. sp. pl.* 3. *p.* 2196. *impatiens.*

Achillea foliis pinnatis, pinnis longis acutis, inferioribus sursum dente auctis, glaberrimis. *Gmel. sib.* 2. *p.* 197. *t.* 83. *f.* 1.
Impatient Milfoil.
Nat. of Siberia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. June—September. H. ♃.

pectinata. 9. A. foliis pectinato-pinnatifidis: laciniis lineari-subulatis integerrimis, corymbo composito coarctato, caule pubescente. *Willden. sp. pl.* 3. *p.* 2197.
Achillea ochroleuca. *Waldst. et Kitaib. hung.* 1. *p.* 33. *t.* 34.
Comb-leaved Milfoil.
Nat. of Hungary.
Introd. 1801, by Messrs. Loddiges.
Fl. August and September. H. ♃.

squarrosa. 10. A. foliis pinnatifidis: laciniis oblongo-cuneatis inæqualiter dentatis verticaliter flexis, corymbis simplicibus. *Willden. sp. pl.* 3. *p.* 2197.
Rough-headed Milfoil.
Nat.
Introd. 1775, by Mons. Thouin.
Fl. July and August. H. ♃.

*** *Foliis pinnatis: foliolis transversis subimbricatis.*

falcata. 11. A. foliis pinnatis teretiusculis pilosis: pinnis tripartitis dentatis transversis arcte imbricatis, corymbis simplicibus. *Willden. sp. pl.* 3. *p.* 2198.
Sickle-leaved Milfoil.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Ptarmica 6.
Fl. June—September. H. ♃.

tenuifolia. 12. A. foliis pinnatis subteretibus tomentosis: pinnis tripartitis obtusis integerrimis transversis imbricatis,

catis, radio vix calyce longiore, caule ramoso. *Willden. sp. pl.* 3. *p.* 2199.
Slender-leaved Milfoil.
Nat. of the Levant.
Cult. 1733, by Mr. Ph. Miller. *R. S. n.* 587.
Fl. June—August. H. ♄.

13. A. foliis pinnatis subtomentosis: pinnis tripartitis transversis distantibus: laciniis tridentatis, caule ramoso. *Willden. sp. pl.* 3. *p.* 2199. *Santolina.*
Lavender-cotton leaved Milfoil.
Nat. of the Levant.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. June—August. H. ♃.

**** *Foliis pinnatis: pinnis planis.*

14. A. foliis pectinato-pinnatis glabris: pinnis linearibus acuminatis subtripartitis, cyma simplici, pedunculis pubescentibus, caule simplicissimo. *Willden. sp. pl.* 3. *p.* 2200. *Jacqu. austr.* 1. *p.* 49. *t.* 77. *atrata.*
Black-cup'd Milfoil.
Nat. of Austria and Switzerland.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July—September. H. ♃.

15. A. foliis pectinato-pinnatis glabris: pinnis linearibus obtusiusculis integerrimis punctatis. *Willden. sp. pl.* 3. *p.* 2201. *Jacqu. austr.* 5. *p.* 45. *tab. app.* 33. *moschata.*
Musk Milfoil, or Swiss Genipi.
Nat. of Switzerland and Italy.
Introd. 1775, by the Doctors Pitcairn and Fothergill.
Fl. June and July. H. ♃.

16. A. foliis pinnatis villosis: pinnis dentatis linearibus; radicalibus bipinnatis, caule simplicissimo. *Willden. sp. pl.* 3. *p.* 2201. *nana.*
Achillea nana. *Allion. pedem.* 1. *p.* 182. *t.* 9. *f.* 3.

Dwarf Milfoil.
Nat. of the Alps of Switzerland and Italy.
Cult. 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. *n.* 12.
Fl. June—August. H. ♃.

cretica. 17. A. foliis pinnatis pubescentibus: pinnis subrotundis quadrifidis concavis patulis, caule apice ramoso. *Willden. sp. pl.* 3. *p.* 2202.
Abrotanum femina incanum, albo Achilleæ flore, creticum. *Boccon. mus.* 46. *t.* 34.
Cretan Milfoil.
Nat. of the Island of Candia.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Ptarmica 3.
Fl. July and August. H. ♃.

ægyptiaca. 18. A. foliis pinnatis tomentosis: pinnis subrotundis obtusis dentatis, corymbo composito. *Willden. sp. pl.* 3. *p.* 2203.
Ptarmica incana, pinnulis cristatis. *Tournef. it.* 1. *p.* 228. *cum tab.*
Egyptian Milfoil.
Nat. of the Levant.
Cult. 1640. *Park. theatr.* 103. *f.* 5.
Fl. July—September. G. H. ♃.

***** *Foliis pinnatis: pinnis extimis confluentibus.*

macrophylla. 19. A. foliis pinnatis glabris: pinnis lanceolatis inciso-serratis: extimis confluentibus, corymbo composito. *Willden. sp. pl.* 3. *p.* 2204.
Ptarmica alpina, matricariæ foliis. *Triumf. obs.* 83. *t.* 23.
Feverfew-leaved Milfoil.
Nat. of Italy and Switzerland.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 13.
Fl. July and August. H. ♃.

****** *Foliis bipinnatifidis s. bipinnatis.*

aurea. 20. A. foliis bipinnatis tomentosis: pinnis lineari-

lanceolatis dentatis, corymbo simplici, pedunculis elongatis. *Willden. sp. pl.* 3. *p.* 2205.
Golden-flower'd Milfoil.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Ptarmica 8.
Fl. June—September. H. ♃.

21. A. foliis bipinnatifidis cano-pubescentibus: laciniis lineari-lanceolatis serratis, corymbo composito globoso, floribus flosculosis. *Willden. sp. pl.* 3. *p.* 2205. *Marsch. fl. taurico-caucas.* 2. *p.* 337. *Eupatorium.*
Caspian Milfoil.
Nat. of the Caspian Shores.
Introd. 1803, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

22. A. foliis bipinnatifidis pubescentibus: laciniis lineari-lanceolatis inæqualibus acutiusculis, corymbo composito. *Willden. sp. pl.* 3. *p.* 2206. *pubescens.*
Downy Milfoil.
Nat. of the Levant.
Cult. 1739, by Mr. Philip Miller. *Rand chels.* Millefolium 11.
Fl. June—September. H. ♃.

23. A. foliis pubescentibus: caulinis bipinnatifidis: laciniis linearibus obtusis; radicalibus bipinnatis: pinnulis tripartitis, corymbis compositis. *Willden. sp. pl.* 3. *p.* 2207. *crithmifolia.*
Achillea crithmifolia. *Waldst. et Kitaib. hung.* 1. *p.* 68. *t.* 66.
Samphire-leaved Milfoil.
Nat. of Hungary.
Cult. about 1804.
Fl. July and August. H. ♃.

24. A. foliis bipinnatifidis: laciniis lanceolatis serratis, corymbo composito patulo. *Willden. sp. pl.* 3. *p.* 2207. *tanacetifolia.*

Tansy-leaved Milfoil.
Nat. of Switzerland and Italy.
Cult. 1658, in Oxford garden. *Hort. oxon. ed.* 2. *p.* 110. *n.* 5.
Fl. July and August. H. ♃.

magna. 25. A. foliis triplicato-pinnatifidis: laciniis lanceolatis acutis, corymbis compositis fastigiatis. *Willden. sp. pl.* 3. *p.* 2208.
Great Milfoil, or Yarrow.
Nat. of the South of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 231. *n.* 3.
Fl. June—November. H. ♃.

Millefolium. 26. A. foliis bipinnatis glabriusculis: pinnarum laciniis linearibus dentatis. *Willden. sp. pl.* 3. *p.* 2208. *Curtis lond. Engl. bot.* 758. *Svensk bot.* 74.
α. Millefolium vulgare album. *Bauh. pin.* 140.
Common white Milfoil, or Yarrow.
β. Millefolium purpureum majus. *Bauh. pin.* 140.
Common purple Milfoil, or Yarrow.
Nat. of Britain.
Fl. June—October. H. ♃.

micrantha. 27. A. foliis bipinnatifidis pubescentibus: laciniis lanceolatis integerrimis, corymbo composito. *Willden. sp. pl.* 3. *p.* 2209.
Small-flower'd Milfoil.
Nat. of the Levant.
Cult. about 1805.
Fl. June—October. H. ♃.

tomentosa. 28. A. foliis bipinnatifidis villosis: pinnis confertissimis: laciniis lineari-lanceolatis integerrimis, corymbo composito. *Willden. sp. pl.* 3. *p.* 2209. *Botan. magaz.* 498.
Woolly Milfoil.
Nat. of the South of Europe.
Cult. 1648, in Oxford garden. *Hort. oxon. ed.* 1. *p.* 35. *n.* 8.
Fl. May—October. H. ♃.

29. A. fo-

29. A. foliis bipinnatifidis: laciniis linearibus argute serratis; rachi alata integerrima, corymbo composito fastigiato. *Willden. sp. pl.* 3. *p.* 2210. *ligustica.*
Achillea ligustica. *Allion. pedem.* 1. *p.* 181. *t.* 53. *f.* 2.
Ligurian Milfoil.
Nat. of Italy.
Introd. 1791, by Professor Allioni.
Fl. June—August. H. ♃.

30. A. foliis caulinis bipinnatifidis: laciniis linearibus subdentatis; rachi alata dentata; radicalibus triplicato-pinnatifidis, corymbo composito fastigiato. *Willden. sp. pl.* 3. *p.* 2211. *Schkuhr handb.* 3. *p.* 141. *t.* 255. *nolilis.*
Showy Milfoil.
Nat. of Germany and France.
Cult. 1640, by Mr. John Parkinson. *Park. theatr.* 695. *n.* 9.
Fl. June—August. H. ♃.

31. A. foliis bipinnatis subtus pilosis: pinnis linearibus integerrimis, corymbo simplici. *Willden. sp. pl.* 3. *p.* 2212. *odorata.*
Achillea odorata. *Jacqu. collect.* 1. *p.* 259. *t.* 21.
Sweet-scented Milfoil.
Nat. of Spain and Switzerland.
Cult. 1729, by Mr. Philip Miller. *R. S. n.* 382.
Fl. June—August. H. ♃.

32. A. foliis bipinnatis: foliolis lineari-setaceis mucronatis confertissimis pilosis, corymbis compositis fastigiatis. *Willden. sp. pl.* 3. *p.* 2212. *setacea.*
Achillea setacea. *Waldst. et Kitaib. hung.* 1. *p.* 82. *t.* 80.
Bristly Milfoil.
Nat. of Hungary and Switzerland.
Introd. about 1805, by Mr. Holboël.
Fl. June—August. H. ♃.

33. A. foliis bipinnatis pubescentibus: pinnulis tenuissimis linearibus integerrimis distantibus, corymbis *abrotanifolia.*

rymbis compositis fastigiatis. *Willden. sp. pl.* 3. *p.* 2213.
Southernwood-leaved Milfoil.
Nat. of the Levant.
Cult. 1739, by Mr. Philip Miller. *Rand chels.* Millefolium 10.
Fl. June and July. H. ♃.

AMELLUS. *Gen. pl.* 1315.

Recept. paleaceum. *Pappus* simplex. *Cal.* imbricatus. *Corollulæ* radii indivisæ.

Lychnitis. 1. A. caule fruticoso, foliis incanis lineari-lanceolatis oppositis, rameis alternis. *Willden. sp. pl.* 3. *p.* 2214. *Jacqu. collect. suppl.* 151. *t.* 10. *f.* 1.
Trailing Amellus.
Nat. of the Cape of Good Hope.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 1.
Fl. June and July. G. H. ♄.

STARKEA.

Recept. hirsutum. *Pappus* sessilis, pilosus. *Cal.* imbricatus.

umbellata. 1. Starkea. *Willden. sp. pl.* 3. *p.* 2216.
Solidago villosa incana, foliis ovatis oppositis, caule assurgente subnudo tripartito, floribus subumbellatis. *Brown. jam.* 320. *t.* 33. *f.* 2.
Umbel-flower'd Starkea.
Nat. of Jamaica.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. Amellus 2.
Fl. June and July. S. ♃.

ECLIPTA. *Gen. pl.* 1316.

Recept. paleaceum. *Poppus* nullus. *Corollulæ* disci 4-fidæ.

erecta. 1. E. caule erecto strigoso, foliis oblongo-lanceolatis

sessilibus remote serratis. *Willden. sp. pl.* 3. *p.* 2217. *Schkuhr handb.* 3. *p.* 142. *t.* 255.
Upright Eclipta.
Nat. of the West Indies.
Cult. 1690, in the Royal garden at Hampton-court. *Catal. mss.*
Fl. July—September. S. ⊙.

2. E. caule prostrato strigoso, foliis oblongo-lanceolatis subpetiolatis subserratis subundulatis scabris. *Willden. sp. pl.* 3. *p.* 2218. *prostrata.*
Eupatoriophalacron menthæ arvensis folio. *Dill. elth.* 139. *t.* 113. *f.* 138.
Trailing Eclipta.
Nat. of the East Indies.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. most part of the Summer. S. ⊙.

SIGESBECKIA. *Gen. pl.* 1320.

Recept. paleaceum. *Pappus* nullus. *Cal.* exterior 5-phyllus; proprius patens. *Radius* dimidiatus.

1. S. foliis petiolatis ovatis inæqualiter dentatis basi subtriangularibus subincisis, calyce exteriore interiore longiore. *Willden. sp. pl.* 3. *p.* 2219. *Schkuhr handb.* 3. *p.* 143. *t.* 256. *orientalis.*
Oriental Sigesbeckia.
Nat. of India and China.
Cult. 1730, by Mr. Ph. Miller. *R. S. n.* 424.
Fl. July and August. S. ⊙.

2. S. foliis sessilibus ovatis dentatis, floribus disci tridentatis triandris. *Willden. sp. pl.* 3. *p.* 2220. *flosculosa.*
Sigesbeckia flosculosa. *L'Herit. stirp. nov.* 37. *t.* 19.
Small-flower'd Sigesbeckia.
Nat. of Peru.
Introd. 1784, by Chevalier Thunberg.
Fl. June and July. H. ⊙.

VERBE-

VERBESINA. *Gen. pl.* 1317.

Recept. paleaceum. *Pappus* aristatus. *Cal.* 2-plici ordine. *Flosculi* radii circiter 5.

alata. 1. V. foliis alternis decurrentibus undulatis obtusis. *Willden. sp. pl.* 3. *p.* 2221. *Schkuhr handb.* 3. *p.* 145. *t.* 256.
Wing-stalk'd Verbesina.
Nat. of South America.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 25. *n.* 87.
Fl. most part of the Summer. S. ♃.

mutica. 2. V. foliis alternis tripartitis dentatis; radicalibus oblongis serratis, caule repente. *Willden. sp. pl.* 3. *p.* 2223.
Chrysanthemum palustre minimum repens, apii folio. *Sloan. jam.* 1. *p.* 263. *t.* 155. *f.* 3.
Parsley-leaved Verbesina.
Nat. of the West Indies.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 8.
Fl. June and July. S. ☉.

gigantea. 3. V. foliis alternis profunde pinnatifidis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2224. *Jacqu. ic.* 1. *t.* 175.
Tree Verbesina.
Nat. of the West Indies.
Cult. 1758, by Mr. Philip Miller.
Fl. S. ♄.

Sigesbeckia. 4. V. foliis oppositis ovato-lanceolatis serratis utrinque acuminatis decurrentibus. *Willden. sp. pl.* 3. *p.* 2224.
American Verbesina.
Nat. of Virginia.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Corona Solis 16.
Fl. October and November. H. ♃.

5. V. fo-

5. V. foliis oppositis ovato-lanceolatis serratis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 2225. *serrata.*
Verbesina serrata. *Cavanill. ic.* 3. *p.* 7. *t.* 214.
Saw leaved Verbesina.
Nat. of Mexico.
Introd. 1803, by A. B. Lambert, Esq.
Fl. July—October. G. H. ♃.

6. V. foliis oppositis cordato-lanceolatis amplexicaulibus remote serratis, calycibus simplicibus pentaphyllis. *Sims in botan. magaz.* 1017. *sativa.*
Oil-seed Verbesina.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. about 1806, by Mr. William Salisbury.
Fl. August and September. S. ⊙.

7. V. foliis oppositis oblongo-lanceolatis obtusiusculis strigoso-pilosis apice serratis, pedunculis unifloris elongatis, calycibus simplicibus. *Willden. sp. pl.* 3. *p.* 2226. *calendulacea.*
Caltha flore solitario, ex alis foliorum, longissimo pedunculo prodeunte. *Burm. zeyl.* 52. *t.* 22. *f.* 1.
Ceylon Verbesina.
Nat. of Ceylon.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Eupatoriophalacron 3.
Fl. July—September. S. ⊙.

8. V. foliis oppositis ovatis serratis triplinerviis, floribus axillaribus subsessilibus, calycibus simplicibus, caule trichotomo. *Willden. sp. pl.* 3. *p.* 2226. *nodiflora.*
Bidens nodiflora, folio tetrahit. *Dill. elth.* 53. *t.* 45. *f.* 53.
Sessile-flower'd Verbesina.
Nat. of the West Indies.
Cult. 1726, in Chelsea garden. *R. S. n.* 211.
Fl. June and July. S. ⊙.

9. V. foliis oppositis ovatis acuminatis serratis triplinerviis hirsutis, pedunculis alaribus unifloris, *dichotoma.*
calycibus

calycibus simplicibus, caule dichotomo. *Willden. sp, pl.* 3. *p.* 2227.
Verbesina dichotoma. *Murray in comment. goetting.* 1779. *p.* 15. *t.* 4.
Fork'd Verbesina.
Nat. of the East Indies.
Introd. 1789, by Mr. John Hunnemann.
Fl. June and July. S. ⊙.

fruticosa. 10. V. foliis oppositis ovatis acuminatis serratis triplinerviis utrinque scabris, pedunculis unifloris axillaribus, calycibus simplicibus, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2227.
Bidens frutescens, ilicis folio, flore luteo. *Plum. ic.* 42. *t.* 52.
Shrubby Verbesina.
Nat. of the West Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Bidens 5.
Fl. June and July. S. ♄.

GALINSOGEA. *Ruiz et Pavon. prodr.* 110.

Recept. paleaceum. *Pappus* polyphyllus, paleaceus. *Cal.* imbricatus.

parviflora. 1. G. foliis ovatis triplinerviis serratis. *Willden. sp. pl.* 3. *p.* 2228.
Galinsoga parviflora. *Cavanill. ic.* 3. *p.* 41. *t.* 281.
Small-flower'd Galinsogea.
Nat. of South America.
Introd. 1796, by Archibald Menzies, Esq. *Herb. Banks.*
Fl. all the Summer. H. ⊙.

trilobata. 2. G. foliis oblongo-lanceolatis dentatis triplinerviis; inferioribus hastato-trilobis. *Willden. sp. pl.* 3. *p.* 2228.
Galinsoga trilobata. *Cavanill. ic.* 3. *p.* 42. *t.* 282.
Three-lobed Galinsogea.
Nat. of Peru.

Introd. 1797, by the Marchioness of Bute.
Fl. August—October. H. ⊙.

PASCALIA. *Orteg. dec.* 4. *p.* 39.

Recept. paleaceum. *Semina* drupacea. *Pappus:* margo dentatus. *Cal.* imbricatus.

1. Pascalia. *Willden. sp. pl.* 3. *p.* 2228. *Andrews's reposit.* 549. *glauca.*
Glaucous-leaved Pascalia.
Nat. of Chili.
Introd. 1799, by the Marchioness of Bute.
Fl. June—August. H. ♃.

BUPHTHALMUM. *Gen. pl.* 1231.

Recept. paleaceum. *Pappus:* margo obsoletus. *Seminum* latera, præsertim radii, marginata.

1. B. foliis oppositis obovatis incanis, petiolis bidentatis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2229. *frutescens.*
Asteriscus frutescens, leucoji foliis sericeis et incanis. *Dill. elth.* 44. *t.* 28. *f.* 44.
Shrubby Ox-eye.
Nat. of Virginia and Jamaica.
Introd. 1696, by Bishop Compton. *Mill. dict. ed.* 8. *n.* 8.
Fl. June—August. G. H. ♄.

2. B. foliis oppositis lanceolatis basi attenuatis integerrimis edentulis glabris. *Willden. sp. pl.* 3. *p.* 2229. *arborescens.*
Asteriscus frutescens, leucoji foliis viridibus et splendentibus. *Dill. elth.* 43. *t.* 38. *f.* 43.
Tree Ox-eye.
Nat. of Bermudas.
Cult. 1699, in the Royal garden at Hampton-court. *Moris. hist.* 3. *p.* 25. *n.* 90.
Fl. most part of the Summer. G. H. ♄.

3. B. foliis oppositis approximatissimis spathulato- *sericeum.*
oblongis

oblongis sericeis, calycinis squamis setaceis hirsutis, caule arboreo. *Willden. sp. pl.* 3. *p.* 2230.
Silky Ox-eye.
Nat. of Fuertaventura, one of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. May—July. G. H. ♄.

spinosum. 4. B. foliis alternis oblongo-lanceolatis amplexicaulibus integerrimis hirsutis, calycibus foliosis mucronatis. *Willden. sp. pl.* 3. *p.* 2231.
Aster legitimus Clusii alter s. spinosus luteus. *Barrel. ic.* 1120. *t.* 551.
Prickly Ox-eye.
Nat. of Spain and Italy.
Cult. 1570. *Lobel. adv.* 147.
Fl. June—September. H. ☉.

aquaticum. 5. B. calycibus obtuse foliosis sessilibus alaribus, foliis oblongis obtusis alternis subintegerrimis, caule dichotomo. *Willden. sp. pl.* 3. *p.* 2232.
Chrysanthemum conyzoides lusitanicum. *Breyn. cent.* 157. *t.* 77.
Sweet-scented Ox-eye.
Nat. of the South of Europe.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Asteriscus 2.
Fl. July and August. H. ☉.

maritimum. 6. B. calycibus obtuse foliosis pedunculatis, foliis alternis spathulatis, caule herbaceo. *Willden. sp. pl.* 3. *p.* 2232.
Aster supinus lignosus siculus, conyzæ odore. *Boccon. mus.* 161. *t.* 129.
Sea Ox-eye.
Nat. of Sicily.
Cult. 1640. *Park. theatr.* 129. *f.* 3.
Fl. July—September. F. ♃.

salicifolium. 7. B. foliis alternis oblongo-lanceolatis subserratis triplinerviis villosis, calycibus nudis, caule herbaceo.

baceo. *Willden. sp. pl.* 3. *p.* 2234. *Jacqu. austr.* 4. *p.* 36. *t.* 370.
Willow-leaved Ox-eye.
Nat. of Austria, Switzerland, and the South of France.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. June—October. H. ♃.

8. B. foliis alternis lanceolatis subdenticulatis glabris, calycibus nudis, caule herbaceo. *Willden. sp. pl.* 3. *p.* 2234. *grandiflorum.*
Asteroides alpina, salicis folio. *Mich. hort. florent.* 12. *t.* 5.
Great-flower'd Ox-eye.
Nat. of Austria and France.
Cult. 1722, in Chelsea garden. *R. S. n.* 6.
Fl. June—October. H. ♃.

9. B. foliis alternis: inferioribus petiolatis cordatis duplicato-serratis; superioribus sessilibus ovatis serratis, caulibus herbaceis. *Willden. sp. pl.* 3. *p.* 2235. *Waldst. et Kitaib. hung.* 2. *p.* 117. *t.* 113. *cordifolium.*
Heart-leaved Ox-eye.
Nat. of Hungary and the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Asteroides 2.
Fl. June—August. H. ♃.

10. B. foliis oppositis ovatis serratis triplinerviis, calycibus foliosis, caule herbaceo. *Willden. sp. pl.* 3. *p.* 2236. *L'Herit. stirp. nov.* 93. *t.* 45. *helianthoides.*
Sun-flower-leaved Ox-eye.
Nat. of North America.
Cult. 1714, by the Duchess of Beaufort. *Br. Mus. H. S.* 139. *fol.* 56.
Fl. July—October. H. ♃.

POLYGAMIA FRUSTRANEA.

HELIANTHUS. *Gen. pl.* 1322.

Recept. paleaceum, planum. *Pappus* diphyllus. *Cal.* imbricatus, subsquarrosus.

annuus. 1. H. folis omnibus cordatis trinervatis, pedunculis incrassatis, floribus cernuis. *Willden. sp. pl.* 3. *p.* 2237. *J. Miller illustr.*

α. floribus simplicibus.
Common annual Sun-flower.
β. floribus plenis.
Double-flower'd annual Sun-flower.
Nat of Mexico and Peru.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June—October. H. ⊙.

indicus. 2. H. foliis omnibus cordatis trinervatis, pedunculis æqualibus, calycibus foliosis. *Willden. sp. pl.* 3. *p.* 2238.
Corona solis minor. *Tabern. ic.* 764.
Dwarf annual Sun-flower.
Nat. of Egypt.
Introd. 1785, by Chevalier Thunberg.
Fl. June—October. H. ⊙.

tubæformis. 3. H. foliis cordatis basi cuneatis villosis triplinerviis, pedunculis incrassatis fistulosis. *Willden. sp. pl.* 3. *p.* 2238.
Helianthus tubæformis. *Jacqu. hort. schœnbr.* 3. *p.* 65. *t.* 375.
Tube-flower'd Sun-flower.
Nat. of Mexico.
Introd. 1799. *Herb. Banks.*
Fl. July and August. H. ⊙.

dentatus. 4. H. foliis ovatis acuminatis basi attenuatis inæqualiter serratis scabris, pedunculis filiformibus, corollis radii obovatis. *Willden. sp. pl.* 3. *p.* 2239.

Helianthus dentatus. *Cavanill. ic.* 3. *p.* 10. *t.* 220.
Helianthus triqueter. *Orteg. decad.* 6. *p.* 76.
Tooth-leaved Sun-flower.
Nat. of Mexico.
Introd. 1798, by the Marchioness of Bute.
Fl. September—November. G. H. ♃.

5. H. foliis triplinerviis scabris: inferioribus cordatis; superioribus ovatis, radio multifloro, calycinis squamis lanceolatis. *Willden. sp. pl.* 3. *p.* 2239. *Curtis magaz.* 227. *multiflorus.*
α. floribus simplicibus.
Many-flower'd perennial Sun-flower.
β. floribus plenis.
Double-flower'd perennial Sun-flower.
Nat. of Virginia.
Cult. 1597, by Mr. John Gerard. *Ger. herb.* 613. *f.* 4.
Fl. August—October. H. ♃.

6. H. foliis triplinerviis scabris: inferioribus cordato-ovatis; superioribus ovatis acuminatis alternis, petiolis basi ciliatis. *Willden. sp. pl.* 3. *p.* 2239. *Jacqu. hort. vindob.* 2. *p.* 75. *t.* 161. *tuberosus.*
Tuberous-rooted Sun-flower, or Jerusalem Artichoke.
Nat. of Brazil.
Cult. before 1617, by Mr. John Franqueville. *Ger. emac.* 753.
Fl. September and October. H. ♃.

7. H. foliis subsessilibus cordato-ovatis triplinerviis amplexicaulibus adpresso-serratis pubescentibus, calycinis squamis lanceolatis villosis. *Willden. sp. pl.* 3. *p.* 2240. *pubescens.*
Downy Sun-flower.
Nat. of North America.
Cult. before 1795, by Messrs. Lee and Kennedy. *Herb. Banks.*
Fl. July—October. H. ♃.

8. H. foliis ovatis acuminatis remote serratis triplinerviis *decapetalus.*

nerviis scabris, calycinis squamis lanceolatis subæqualibus subciliatis, corollis radii denis duodenisve. *Willden. sp. pl.* 3. *p.* 2241.
Ten-petal'd Sun-flower.
Nat. of Canada.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 10.
Fl. August—November. H. ♃.

strumosus. 9. H. foliis ovatis acuminatis serratis triplinerviis subtus scabris, calycinis squamis lineari-lanceolatis basi ciliatis. *Willden. sp. pl.* 3. *p.* 2242.
Chrysanthemum canadense latifolium elatius. *Boccon. sic.* 52. *t.* 27. *f. A.*
Carrot-rooted Sun-flower.
Nat. of Canada.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 12.
Fl. July—September. H. ♃.

giganteus. 10. H. foliis alternis lanceolatis serratis scabris obsolete triplinerviis utrinque attenuatis subsessilibus basi ciliatis, calycinis squamis lanceolatis ciliatis. *Willden. sp. pl.* 3. *p.* 2242.
Chrysanthemum virginianum elatius angustifolium viride. *Moris. hist.* 3. *p.* 24. *s.* 6. *t.* 7. *f.* 66.
Gigantic Sun-flower.
Nat. of North America.
Cult. 1714, by the Duchess of Beaufort. *Br. Mus. H. S.* 139. *fol.* 60.
Fl. September and October. H. ♃.

altissimus. 11. H. foliis alternis lanceolatis serratis scabris triplinerviis apice attenuatis petiolatis: petiolis ciliatis, calycinis squamis lanceolatis ciliatis. *Willden. sp. pl.* 3. *p.* 2243. *Jacqu. hort. vindob.* 2. *p.* 75. *t.* 160.
Tall Sun-flower.
Nat. of Pensylvania.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Corona Solis 13.
Fl. August and September. H. ♃.

12. H. foliis alternis linearibus. *Willden. sp. pl.* 3. *p.* 2244. *Meerb. ic.* 1. *t.* 49. *angustifolius.*
Narrow-leaved Sun-flower.
Nat. of North America.
Introd. 1789, by Mr. Thomas Watson.
Fl. September and October. H. ♃.

13. H. foliis oppositis sessilibus ovato-oblongis trinerviis, panicula dichotoma. *Willden. sp. pl.* 3. *p.* 2244. *divaricatus.*
Rough-leaved Sun-flower.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. August—October. H. ♃.

14. H. foliis oppositis spathulatis crenatis triplinerviis scabris, squamis calycinis erectis longitudine disci. *Willden. sp. pl.* 3. *p.* 2245. *atrorubens.*
Corona Solis minor, disco atrorubente. *Dill. elth.* 111. *t.* 94. *f.* 110.
Dark-red Sun-flower.
Nat. of North America.
Cult. before 1732, by James Sherard, M.D. *Dill. elth. loc. cit.*
Fl. July—September. H. ♃.

GALARDIA. *Gen. pl.* 1323.

Recept. paleaceum, hemisphæricum. *Pappus* paleaceus, polyphyllus. *Cal.* imbricatus, polyphyllus, planus. *Cor.* radii tripartitæ.

1. G. caule ramoso, foliis lanceolatis, paleis pappi integerrimis aristatis. *Willden. sp. pl.* 3. *p.* 2245. *bicolor.*
Virgilia helioides. *Smith exot. bot.* 1. *p.* 71. *t.* 37.
Two-colour'd Galardia.
Nat. of Carolina.
Introd. 1787, by Mons. Thouin.
Fl. July and August. G. H. ♂.

RUDBECKIA. *Gen. pl.* 1324.

Recept. paleaceum, conicum. *Pappus* margine 4-dentato. *Cal.* 2-plici ordine squamarum.

laciniata. 1. R. foliis radicalibus pinnatis: foliolis ovatis basi inæqualibus subtrilobis dentatis; caulinis tripartitis indivisisque oblongis dentatis, pappo quadridentato. *Willden. sp. pl.* 3. *p.* 2246.
Aconitum helianthemum canadense. *Cornut. canad.* 178. *t.* 179.
Broad-jag'd-leaved Rudbeckia.
Nat. of North America.
Cult. before 1640, by Mr. John Tradescant, Sen. *Park. theatr.* 322. *f.* 10.
Fl. July—September. H. ♃.

digitata. 2. R. foliis inferioribus compositis: caulinis quinatis ternatisque; summis simplicibus. *Mill. dict.*
Narrow-jag'd-leaved Rudbeckia.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. August and September. H. ♃.

pinnata. 3. R. foliis radicalibus pinnatis; caulinis lobatis: summis indivisis, flosculis atro-purpureis, receptaculo elongato, seminibus nudis. *Venten. cels* 71.
Rudbeckia pinnata. *Smith exot. bot.* 1. *p.* 73. *t.* 38.
Fragrant pinnated Rudbeckia.
Nat. of North America.
Introd. about 1803, by Lady Amelia Hume.
Fl. August and September. H. ♃.

triloba. 4. R. foliis spathulatis: inferioribus trilobis; superioribus indivisis. *Willden. sp. pl.* 3. *p.* 2247.
Chrysanthemum cannabinum virginianum hirsutum disco nigro, petalis aureis radiato. *Pluk alm.* 100. *t.* 22. *f.* 2.
Three-lobed Rudbeckia.
Nat. of Virginia.

Cult. before 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 19. *n.* 37.
Fl. August and September. H. ♂.

5. R. foliis indivisis spathulato-ovatis triplinerviis serratis hirtis, receptaculo conico, paleis lanceolatis. *Willden. sp. pl.* 3. *p.* 2248. *hirta.*
Rudbeckia foliis lanceolato-ovatis alternis indivisis, petalis radii integris. *Mill. ic.* 2. *p.* 149. *t.* 224. *f.* 1.
Great hairy Rudbeckia.
Nat. of North America.
Cult. 1714. *Philosoph. transact. n.* 346. *p.* 356. *n.* 105.
Fl. June—November. H. ♃.

6. R. foliis oblongo-lanceolatis denticulatis hispidis basi angustatis subcordatis, receptaculo hemisphærico, paleis lanceolatis. *Willden. sp. pl.* 3. *p.* 2248. *fulgida.*
Small hairy Rudbeckia.
Nat. of North America.
Introd. 1760, by Messrs. Kennedy and Lee.
Fl. July and August. H. ♃.

7. R. foliis oblongo-lanceolatis cordatis amplexicaulibus: inferioribus serratis, disco cylindraceo-conico. *Willden. sp. pl.* 3. *p.* 2249. *amplexifolia.*
Rudbeckia amplexifolia. *Jacqu. ic.* 3. *t.* 592.
Stem-clasping Rudbeckia.
Nat. of Louisiana and Mexico.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

8. R. foliis lanceolato-ovatis alternis indivisis, radii petalis bifidis. *Willden. sp. pl.* 3. *p.* 2249. *Curtis magaz.* 2. *purpurea.*
Purple Rudbeckia.
Nat. of North America.
Introd. before 1699, by the Rev. John Banister. *Moris. hist.* 3. *p.* 42. Dracunculus.
Fl. July—October. H. ♃.

COSMEA. *Cavanill. ic.* 1. *p.* 9.

Recept. paleaceum. *Sem.* 4-gona. *Pappus* 2- s. 4-aristatus. *Cal.* duplex, uterque monophyllus octopartitus.

sulphurea. 1. C. foliis bipinnatifidis: laciniis lanceolatis, calycis exterioris laciniis lanceolatis. *Willden. sp. pl.* 3. *p.* 2250.
Coreopsis artemisiæfolia. *Jacqu. ic.* 3. *t.* 595.
Southernwood-leaved Cosmea.
Nat. of Mexico.
Introd. 1799, by the Marchioness of Bute.
Fl. July and August. H. ⊙.

bipinnata. 2. C. foliis bipinnatis: foliolis lineari-subulatis, calycis exterioris laciniis ovatis. *Willden. sp. pl.* 3. *p.* 2250.
Cosmos bipinnatus. *Cavanill. ic.* 1. *p.* 10. *t.* 14.
Double wing-leaved Cosmea.
Nat. of Mexico.
Introd. 1799, by the Marchioness of Bute.
Fl. July and August. G. H. ♃.

parviflora. 3. C. foliis bipinnatis: foliolis filiformibus, calycis exterioris laciniis lanceolatis. *Willden. sp. pl.* 3. *p.* 2251.
Coreopsis parviflora. *Jacqu. hort. schœnbr.* 3. *p.* 65. *t.* 374.
Small-flower'd Cosmea.
Nat. of Mexico.
Introd. 1800, by the Marchioness of Bute.
Fl. July and August. H. ⊙.

COREOPSIS. *Gen. pl.* 1325.

Recept. paleaceum. *Sem.* compressa, emarginata. *Pappus* bicornis. *Cal.* duplex, uterque polyphyllus.

ferulæfolia. 1. C. foliis bipinnatis: pinnulis lineari-lanceolatis: pinnularum costis latitudine pinnularum. *Willden. sp. pl.* 3. *p.* 2251. *Jacqu. hort. schœnbr.* 3. *p.* 65. *t.* 373.

Fennel-leaved Coreopsis.
Nat. of Mexico.
Introd. 1799, by the Marchioness of Bute.
Fl. October and November. H. ♃.

2. C. foliis verticillatis ternis quinisve pinnatis: pinnis linearibus tripartitis indivisisque, disco discolore. *Willden. sp. pl.* 3. *p.* 2251. *Curtis magaz.* 156. *verticillata.*
Whorl-leaved Coreopsis, or Tick-seed Sun-flower.
Nat. of Virginia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 4.
Fl. July—October. H. ♃.

3. C. foliis verticillatis ternis quinisve pinnatis: pinnis linearibus tripartitis indivisisque, disco concolore. *Willden. sp. pl.* 3. *p.* 2252. *Schkuhr handb.* 3. *p.* 155. *t.* 260. b. *tenuifolia.*
Fine-leaved Coreopsis.
Nat. of Carolina.
Introd. about 1780, by Messrs. Watson.
Fl. July and August. H. ♃.

4. C. foliis ternatis ovato-oblongis serratis, radio florum concolore. *Willden. sp. pl.* 3. *p.* 2253. *chrysantha.*
Bidens americana triphylla, angelicæ folio, flore radiato. *Plum. ic.* 53. *f.* 1.
Angelica-leaved Coreopsis.
Nat. of the West Indies.
Cult. 1752, by Mr. Ph. Miller. *R. S. n.* 1507.
Fl. July—September. S. ♂.

5. C. foliis serratis: radicalibus tripartitis; caulinis trifidis integrisve lanceolato-linearibus. *Willden. sp. pl.* 3. *p.* 2253. *aurea.*
Hemp-leaved Coreopsis.
Nat. of North America.
Introd. 1785, by Charles Earl of Tankerville.
Fl. August and September. H. ♃.

6. C. foliis integerrimis: radicalibus pinnatis; cau- *tri*

linis ternatis lanceolatis petiolatis. *Willden. sp. pl.* 3. *p.* 2253.
Chrysanthemum virginianum, folio acutiore lævi trifoliato s. anagyridis folio. *Moris. hist.* 3. *p.* 21. *s.* 6. *t.* 3. *f.* 44.
Three-leaved Coreopsis.
Nat. of North America.
Cult. 1737, by Mr. Ph. Miller. *R. S. n.* 759.
Fl. August—October. H. ♃.

senifolia. 7. C. foliis integerrimis ternatis sessilibus. *Willden. sp. pl.* 3. *p.* 2254.
Six-leaved Coreopsis.
Nat. of Carolina.
Introd. 1812, by Mr. John Lyon.
Fl. July and August. H. ♃.

amplexicaulis. 8. C. foliis alternis trilobis, petiolo basi auriculata semiamplexicauli.
Simsia amplexicaulis. *Persoon synops.* 2. *p.* 478.
Stem-clasping Coreopsis.
Nat.
Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

alba. 9. C. foliis subternatis cuneatis serratis. *Willden. sp. pl.* 3. *p.* 2254.
Chrysanthemum americanum, ciceris folio glabro, bellidis majoris flore. *Herm. paradis.* 124. *cum tab.*
Climbing Coreopsis.
Nat. of Jamaica.
Cult. before 1699, in the Royal garden at Hampton-court. *Moris. hist.* 3. *p.* 30. *n.* 22.
Fl. June and July. S. ♃.

fœtida. 10. C. foliis cordatis trilobis serratis, caule erecto. *Willden. sp. pl.* 3. *p.* 2254.
Coreopsis fœtida. *Cavanill. ic.* 1. *p.* 55. *t.* 77.
Stinking Coreopsis.
Nat. of Mexico.
Introd. 1799, by the Marchioness of Bute.
Fl. July and August. H. ⊙.

11. C. fo-

11. C. foliis serratis ovatis: summis ternatis, caule repente. *Willden. sp. pl.* 3. *p.* 2255. *Smith spicil.* 20. *t.* 22. *reptans.*
Trailing Coreopsis.
Nat. of the West Indies.
Introd. before 1792, by the Marchioness of Rockingham.
Fl. July—September. S. ⊙.

12. C. foliis integerrimis ovatis: inferioribus ternatis. *Willden. sp. pl.* 3. *p.* 2256. *Schkuhr handb.* 3. *p.* 156. *t.* 260. *auriculata.*
Ear-leaved Coreopsis.
Nat. of North America.
Cult. 1699. *Moris. hist.* 3. *p.* 21. *n.* 46.
Fl. August—October. H. ♃.

13. C. foliis lanceolatis integerrimis ciliatis. *Willden. sp. pl.* 3. *p.* 2256. *lanceolata.*
Bidens succisæ folio, radio amplo laciniato. *Dill. elth.* 55. *t.* 48. *f.* 56.
Spear-leaved Coreopsis.
Nat. of Carolina.
Introd. 1724, by Mr. Mark Catesby. *Mart. cent.* 26.
Fl. July—September. H. ♂.

14. C. foliis obovato-oblongis integerrimis pubescentibus. *Willden. sp. pl.* 3. *p.* 2256. *crassifolia.*
Thick-leaved Coreopsis.
Nat. of Carolina.
Introd. 1786, by Mr. Adam Robson.
Fl. August—October. H. ♃.

15. C. foliis alternis lineari-lanceolatis integerrimis lævibus, petalis radii oblongis trifidis: lacinia media majore. *Willden. sp. pl.* 3. *p.* 2257. *angustifolia.*
Narrow-leaved Coreopsis.
Nat. of North America.
Cult. 1778, by John Fothergill, M. D.
Fl. June—August. H. ♃.

alata. 16. C. caule alato, foliis alternis scabris subrotundo-ovatis basi cuneatis triplinerviis. *Willden. sp. pl.* 3. *p.* 2257.
Coreopsis alata. *Cavanill. ic.* 3. *p.* 30. *t.* 260.
Wing-stalk'd Coreopsis.
Nat. of Mexico.
Introd. 1803, by A. B. Lambert, Esq.
Fl. July and August. H. ♃.

alternifolia. 17. C. caule alato, foliis lanceolatis acuminatis subpetiolatis serratis, floribus corymbosis, corollis radii lanceolatis. *Willden. sp. pl.* 3. *p.* 2257. *Jacqu. hort. vindob.* 2. *p.* 50. *t.* 110.
Alternate-leaved Coreopsis.
Nat. of North America.
Cult. before 1640. *Park. theatr.* 130. *n.* 9.
Fl. September—November. H. ♃.

procera. 18. C. foliis ellipticis acuminatis serratis petiolatis venosis decurrentibus: inferioribus verticillatis; superioribus alternis. *Willden. sp. pl.* 3. *p.* 2258.
Tall Coreopsis.
Nat. of North America. Mr. *John Cree.*
Introd. 1765.
Fl. September and October. H. ♃.

OSMITES. *Gen. pl.* 1326.

Recept. paleaceum. *Pappus* obsoletus. *Cor.* radii ligulatæ. *Cal.* imbricatus, scariosus.

camphorina. 1. O. foliis lanceolatis obsolete serratis basi dentatis glabris. *Willden. sp. pl.* 3. *p.* 2259.
Camphire-scented Osmites.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. about 1794.
Fl. April—July. G. H. ♄.

PALLASIA.

Recept. paleaceum. *Pappus* 0. *Sem.* verticalia, plana, marginato-ciliata. *Cal.* imbricatus.

1. P. Co-

1. P. corollis radii quadrifidis disco subæqualibus, foliis cano-pubescentibus. *Willden. sp. pl.* 3. *p.* 2260. *halimifolia.*
Coreopsis limensis. *Jacqu. ic.* 3. *t.* 594.
Downy-leaved Pallasia.
Nat. of Peru.
Introd. 1786, by Mons. Thouin.
Fl. July. G. H. ♄.

SCLEROCARPUS. *Gen. pl.* 1327.

Recept. paleaceum. *Pappus* 0. *Cal.* duplex: uterque triphyllus.

1. SCLEROCARPUS. *Willden. sp. pl.* 3. *p.* 2261. *africanus.*
Jacqu. ic. 1. *t.* 176.
African Sclerocarpus.
Nat. of Guinea.
Introd. 1812, by Mons. Thouin.
Fl. July and August. G. H. ⊙.

CULLUMIA. *Brown mss.*

Recept. favosum. *Semina* glabra. *Pappus* nullus. *Cal.* monophyllus: foliolis imbricatis tectus.

1. C. foliis ovatis glabris imbricatis bifariam ciliato-spinosis: spina terminali reflexa. *Brown mss.* *ciliaris.*
Berckheya ciliaris. *Willden. sp. pl.* 3. *p.* 2273.
Carlina foliis imbricatis oblongis reticulatis et in aculeum aduncum desinentibus. *Burm. afr.* 151. *t.* 54. *f.* 1.
Ciliated Cullumia.
Nat. of the Cape of Good Hope.
Fl. May and June. G. H. ♄.

2. C. foliis ovato-lanceolatis glabris recurvatis ciliato-spinosis. *Brown mss.* *setosa.*
Berckheya setosa. *Willden. sp. pl.* 3. *p.* 2273. (exclus. syn. Commelini.)
Recurv'd smooth-leaved Cullumia.
Nat. of the Cape of Good Hope.

Cult. before 1780, by John Fothergill, M. D. *Hort. upton.* 29.
Fl. June—August. G. H. ♄.

squarrosa. 3. C. foliis subulatis recurvatis patulisve spinuloso-ciliatis subtus sulcatis: adultis ramisque glabriusculis. *Brown mss.*
Berckheya squarrosa. *Willden. sp. pl.* 3. *p.* 2272.
Rohria squarrosa. *Thunb. in act. soc. nat. scrut. hafn.* 3. *part.* 1. *pag.* 100. *t.* 5.
Recurv'd awl-leaved Cullumia.
Nat. of the Cape of Good Hope.
Introd. 1786, by Baron Hake.
Fl. June—August. G. H. ♄.

BERCKHEYA. (*Gen. pl.* 1329.) *Brown mss.*

Recept. favosum. *Semina* villosa. *Pappus* paleaceus (nunc setoso-paleaceus ciliatus). *Cal.* monophyllus: foliolis imbricatis tectus.

cynaroides. 1. B. foliis caulinis alternis amplexicaulibus spinuloso-ciliatis; radicalibus elongatis integris inermibus subtus tomentosis, calycis foliolis ovatis integerrimis. *Brown mss.*
Berckheya cynaroides. *Willden. sp. pl.* 3. *p.* 2275.
Artichoke-cup'd Berckheya.
Nat. of the Cape of Good Hope.
Introd. 1789, by Mr. Fr. Masson.
Fl. June. G. H. ♃.

obovata. 2. B. foliis alternis cuneato-lanceolatis spinosò-dentatis utrinque glabris, foliolis calycis dentato-spinosis. *Brown mss.*
Berckheya obovata. *Willden. sp. pl.* 3. *p.* 2269.
Basteria aculeata. *Houtt. nat. hist.* 6. *p.* 158. *t.* 34. *f.* 2.
Smooth shrubby Berckheya.
Nat. of the Cape of Good Hope.
Introd. 1794, by Mr. Fr. Masson.
Fl. June—August. G. H. ♄.

incana. 3. B. foliis alternis ovatis spinoso-dentatis subtus

caulibusque incanis, calycis foliolis dentato-spinosis subtus tomentosis. *Brown mss.*
Berckheya incana. *Willden. sp. pl.* 3. *p.* 2269.
Gorteria asteroides. *Jacqu. ic.* 3. *t.* 591.
Hoary shrubby Berckheya.
Nat. of the Cape of Good Hope.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Carthamus 2.
Fl. June—August. G. H. ♄.

4. B. foliis alternis lanceolatis amplexicaulibus spinoso-dentatis ciliatis utrinque glabris, floribus cernuis, pappo setoso-ciliato. *Brown mss.* *cernua.*
Gorteria cernua. *Willden. sp. pl.* 3. *p.* 2268.
Gorteria araneosa. *Meerb. ic.* 1. *t.* 40.
Drooping Gorteria.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Fr. Masson.
Fl. May—July. G. H. ♂.

DIDELTA. (*Gen. pl.* 1351.) *Brown mss.*

Recept. favosum includens semina. *Pappus* multipartitus setoso-paleaceus dentatus. *Cal.* monophyllus: tectus foliolis: exterioribus maximis.

1. D. foliis alternis. *carnosum.*
Didelta carnosa. *Willden. sp. pl.* 3. *p.* 2262.
Didelta tetragoniæfolia. *L'Herit. stirp. nov.* 55. *t.* 28.
Alternate-leaved Didelta.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June and July. G. H. ♄.

2. D. foliis oppositis. *spinosum.*
Didelta spinosa. *Willden. sp. pl.* 3. *p.* 2262. *Wendl. obs.* 33. *t.* 4. *f.* 32.
Opposite-leaved Didelta
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June and July. G. H. ♄.

GORTE-

GORTERIA. (*Gen. pl.* 1328.) *Brown mss.*

Recept. scrobiculatum. *Pappus:* margo ciliatus. *Cal.* monophyllus: foliolis imbricatis tectus; fructus induratus connivens deciduus.

personata. 1. GORTERIA.
Gorteria personata. *Willden. sp. pl.* 3. *p.* 2265. *Jacqu. collect.* 4. *p.* 224. *t.* 21. *f.* 1.
Procumbent Gorteria.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July and August. G. H. ⊙.

GAZANIA. (*Gærtn. sem.* 2. *p.* 451.) *Brown mss.*

Recept. epaleatum (nudum; v. alveolatum germinibus exsertis.) *Semina* villosissima. *Pappus* piloso-paleaceus. *Cal.* monophyllus: tubo foliolis imbricatis tecto v. nudo.

rigens. 1. G. foliis spathulato-lanceolatis indivisis passim pinnatifidis subtus tomentosis, scapo unifloro calycibusque glabris, caule decumbente. *Brown mss.*
Gorteria rigens. *Willden. sp. pl.* 3. *p.* 2267. *Curtis magaz.* 90.
Great-flower'd Gazania.
Nat. of the Cape of Good Hope.
Cult. before 1755, by Mr. Ph. Miller. *Mill. ic.* 1. *p.* 33. *t.* 49.
Fl. most part of the Summer. G. H. ♄.

Pavonia. 2. G. foliis pinnatifidis supra pilosis subtus tomentosis: laciniis ovali-lanceolatis, scapo unifloro, caule decumbente. *Brown mss.*
Gazania Pavonia. *Andrews's reposit.* 523.
Peacock Gazania.
Nat. of the Cape of Good Hope. Mr. *James Niven.*
Introd. about 1804, by George Hibbert, Esq.
Fl. June and July. G. H. ♂.

subulata. 3. G. caule folioso decumbente unifloro, foliis subulato-

lato-linearibus margine revolutis subtus tomentosis. *Brown mss.*
Awl-leaved Gazania.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1792.
Fl. July and August. G. H. ♄.

CRYPTOSTEMMA. *Brown mss.*

Recept. favosum. *Pappus* paleaceus lana implexa seminis tectus. *Cal.* imbricatus.

1. C. ligulis indivisis, foliis pinnatifidis dentatis subtus tomentosis. *Brown mss.* *calendulaceum.*
Arctotis calendulacea. *Willden. sp. pl.* 3. *p.* 2347. *Jacqu. hort. schœnbr.* 2. *p.* 16. *t.* 157.
Marygold-flower'd Cryptostemma.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 4.
Fl. June—August. G. H. ⊙.

2. C. ligulis (3-5-) partitis, foliis lyratis tomentosis. *Brown mss.* *hypochondriacum.*
Arctotis hypochondriaca. *Willden. sp. pl.* 3. *p.* 2348.
Divided-ray'd Cryptostemma.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Anemospermos 4.
Fl. July and August. G. H. ⊙.

3. C. ligulis (3-5-) partitis, foliis runcinatis dentatis subtus tomentosis. *Brown mss.* *runcinatum.*
Dandelion-leaved Cryptostemma.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. July and August. G. H. ⊙.

ARCTOTHECA. (*Wendl. hort. herenhus.* 8.) *Brown mss.*

Recept. favosum. *Pappus* nullus. *Cal.* imbricatus.

1. ARCTO-

repens. 1. ARCTOTHECA. *Willden. sp. pl.* 3. *p.* 2365.
Arctotis repens. *Jacqu. hort. schœnbr.* 3. *p.* 31. *t.* 306.
Creeping Arctotheca.
Nat. of the Cape of Good Hope.
Introd. 1793, by Mr. Francis Masson.
Fl. June—August. G. H. ♃.

SPHENOGYNE. *Brown mss.*

Recept. paleis distinctis. *Pappus* paleaceus, simplex. *Stigmata* apice dilatato subtruncato. *Cal.* imbricatus: squamis intimis (omnibusve) apice dilatato scarioso.

anthemoides. 1. S. herbacea glabra, foliis bipinnatifidis pinnatifidisve lineari-filiformibus, pappi foliolis albis: axi subulato discolori. *Brown mss.*
Arctotis anthemoides. *Willden. sp. pl.* 3. *p.* 2361. *Botan. magaz.* 544.
Arctotis paradoxa. *Edit. prior.* 3. *p.* 273.
White-crown'd Sphenogyne.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July—September. H. ⊙.

crithmifolia. 2. S. fruticosa glabra, foliis pinnatifidis lineari-filiformibus, foliolis exterioribus calycis subulatis. *Brown mss.*
Arctotis paleacea. *Willden. sp. pl.* 3. *p.* 2359.
Arctotis crithmoides. *Berg. cap.* 326.
Samphire-leaved Sphenogyne.
Nat. of the Cape of Good Hope.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8.
Fl. April—August. G. H. ♄.

scariosa. 3. S. fruticosa, foliis bipinnatifidis pinnatifidisve lineari-filiformibus glabris, calycis squamis omnibus scariosis obtusis nitidis: extimis sessilibus. *Brown mss.*
Arctotis scariosa. *Willden. sp. pl.* 3. *p.* 2360.
Scaly-cup'd Sphenogyne.

Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. April—August. G. H. ♄.

4. S. fruticosa, foliis 2-3-pinnatifidis calycibusque tomentosis. *Brown mss.* *abrotanifolia.*
Southernwood-leaved Sphenogyne.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. May—August. G. H. ♄.

5. S. fruticosa, foliis pinnatifidis glabriusculis: laciniis 2-3-dentatis: dentibus piliferis, calycis foliolis exterioribus lanceolatis. *Brown mss.* *dentata.*
Arctotis dentata. *Willden. sp. pl.* 3. *p.* 2359.
Chrysanthemum foliorum pinnis brevissimis dentatis. *Burm. afr.* 175. *t.* 64.
Small-leaved Sphenogyne.
Nat. of the Cape of Good Hope.
Introd. 1787, by Mr. John Hunnemann.
Fl. June and July. G. H. ♄.

6. S. fruticosa, foliis planis glabris apice inciso-pinnatifidis, calycis foliolis exterioribus apice scariosis, seminibus glabris: pappo obsoleto. *Brown mss.* *odorata.*
Anthemis odorata. *Willden. sp. pl.* 3. *p.* 2186.
Smooth-seeded Sphenogyne.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. April—June. G. H. ♄.

ZŒGEA. *Gen. pl.* 1330.

Recept. setosum. *Pappus* setaceus. *Cor.* radii ligulatæ. *Cal.* imbricatus.

1. Zœgea. *Willden. sp. pl.* 3. *p.* 2276. *Leptaurea.*
Zœgea aleppica. *Jacqu. ic.* 1. *t.* 177.
Yellow-flower'd Zœgea.
Nat. of the Levant.
Cult. before 1779, by John Blackburne, Esq. *Orford. cat.* 69.
Fl. July and August. H. ⊙.

CEN-

CENTAUREA. *Gen. pl.* 1331.

Recept. setosum. *Pappus* simplex. *Cor.* radii infundibuliformes, longiores, irregulares.

* Jaceæ: *calycibus lævibus inermibus.*

Crupina. 1. C. calycibus inermibus, squamis lanceolatis, foliis pinnatis scabris: pinnulis serrulatis linearibus acutis. *Willden. sp. pl.* 3. *p.* 2277.
Senecio-carduus Apulus. *Column. ecphr.* 1. *p.* 32. *t.* 34.
Black-seeded Centaury, or Bearded Creeper.
Nat. of Italy and France.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June and July. H. ⊙.

moschata. 2. C. calycibus inermibus pubescentibus: squamis subrotundis obtusiusculis, foliis leviter pinnatifidis: laciniis infimis subintegerrimis. *Willden. sp. pl.* 3. *p.* 2278.
Jacea foliis cichoraceis villosis altissima, flore purpureo. *Knorr thes.* 2. *tab. C.* 4.
Purple sweet Sultan, or Centaury.
Nat. of Persia.
Cult. 1629. *Park. parad.* 327. *n.* 2.
Fl. July—October. H. ⊙.

suaveolens. 3. C. calycibus inermibus glabris: squamis subrotundo-ovatis obtusiusculis apice sphacelatis, foliis lyrato-pinnatifidis. *Willden. sp. pl.* 3. *p.* 2279.
Cyanus floribus odoratis Turcicus. *Knorr thes.* 2. *tab. C.* 4.
Yellow sweet Sultan, or Centaury.
Nat. of the Levant.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 98. *n.* 5.
Fl. July—October. H. ⊙.

Lippii. 4. C. calycibus inermibus: squamis mucronatis, foliis subdecurrentibus lyrato-dentatis. *Willden. sp. pl.* 3. *p.* 2280.

Amberboi, erucæ folio, minus. *Isnard in act. paris.* 1719. *p.* 169. *t.* 10.
Lippi's Centaury.
Nat. of Egypt.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Cyanus 7.
Fl. June and July. H ⊙.

5. C. calycibus inermibus: squamis ovatis obtusis, foliis pinnatis glabris: pinnis integerrimis apice obsolete serratis: intermediis bipartitis. *Willden. sp. pl.* 3. *p.* 2281. *alpina.*
Centaurium majus luteum. *Cornut. canad.* 69. *t.* 70.
Alpine Centaury.
Nat. of Italy.
Cult. 1640. *Park. theatr.* 466. *f.* 4.
Fl. July and August. H. ♃.

6. C. calycibus inermibus: squamis ovatis obtusis, foliis pinnatis glabris: pinnis argute duplicato-serratis decurrentibus: terminali lanceolata. *Willden. sp. pl.* 3. *p.* 2281. *Centaurium.*
Centaurium majus I. vulgare. *Clus. hist.* 2. *p.* 10.
Great Centaury.
Nat. of Italy.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July and August. H. ♃.

7. C. calycibus inermibus: squamis ovatis obtusis, foliis pinnatis glabris: pinnis argute cartilagineo-serratis decurrentibus: terminali oblongo-ovata. *Willden. sp. pl.* 3. *p.* 2281. *ruthenica.*
Centaurea squamis ovatis, foliis pinnatis, foliolis decurrentibus linearibus serratis integris. *Gmel. sib.* 2. *p.* 89. *t.* 41.
Russian Centaury.
Nat. of Siberia and Russia.
Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

** Cyanoidea : *calycibus squamis setaceo-ciliatis : ciliis recurvatis, s. rectis.*

phrygia. 8. C. calycibus recurvato-plumosis, foliis oblongis indivisis scabris mucronato-serrulatis. *Willden. sp. pl.* 3. *p.* 2282. *Fl. dan.* 520.
Austrian Centaury.
Nat. of Austria and Switzerland.
Cult. 1633. *Ger. emac.* 729. *f.* 7.
Fl. June—October. H. ♃.

pectinata. 9. C. calycibus recurvato-plumosis, foliis mucronato-serratis: caulinis inferioribus sinuato-pinnatifidis; superioribus et rameis indivisis. *Willden. sp. pl.* 3. *p.* 2283.
Jacea cum squamis pinnatis s. capite villoso. *Bauh. hist.* 3. *p.* 29.
Pectinated Centaury.
Nat. of the South of France and Hungary.
Cult. 1727, by Mr. Ph. Miller. *R. S. n.* 276.
Fl. July—October. H. ♃.

coronopifolia. 10. C. calycibus erecto-plumosis, corollis flosculosis, foliis inferioribus pinnatifidis; superioribus linearibus integerrimis, caule paniculato. *Willden. sp. pl.* 3. *p.* 2287.
Buck's-horn Centaury.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacea 39.
Fl. June and July. H. ⊙.

nigra. 11. C. calycibus erecto-plumosis, corollis flosculosis, foliis oblongis: radicalibus subpinnatifidis; caulinis indivisis serratis. *Willden. sp. pl.* 3. *p.* 2287. *Engl. bot.* 278.
Black, or lesser Knapweed.
Nat. of Britain.
Fl. May—August. H. ♃.

*** Cyani : *calycinis squamis ciliato-serratis.*

ochroleuca. 12. C. calycibus serratis, foliis oblongis serratis de-

currentibus indivisis. *Willden. sp. pl.* 3. *p.* 2289.
Botan. magaz. 1175.
Caucasian Centaury.
Nat. of Mount Caucasus.
Introd. 1801, by Messrs. Loddiges.
Fl. July and August. H. ♃.

13. C. calycibus serratis, foliis glabriusculis lanceolatis integerrimis decurrentibus, caule simplici. *Willden. sp. pl.* 3. *p.* 2290. *Curtis magaz.* 77. *montana.*
α. Cyanus montanus latifolius vel Verbasculum cyanoides. *Bauh. pin.* 273.
Broad-leaved Mountain Centaury, or Blue-bottle.
β. Jacea integrifolia humilis. *Bauh. pin.* 271.
Dwarf Mountain Centaury, or Blue-bottle.
Nat. of Austria and Switzerland.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June—August. H. ♃.

14. C. calycibus serratis, foliis linearibus sessilibus integerrimis: infimis basi pinnatifidis. *Willden. sp. pl.* 3. *p.* 2291. *Curtis lond. Engl. bot.* 277. *Fl. dan.* 993. *Svensk bot.* 52. *Cyanus.*
Corn Blue-bottle.
Nat. of Britain.
Fl. June—August. H. ⊙.

15. C. calycibus ciliatis: squamis ovatis adpressis, foliis inferioribus bipinnatifidis; superioribus pinnatifidis, caule paniculato. *Willden. sp. pl.* 3. *p.* 2292. *Jacqu. austr.* 4. *p.* 10. *t.* 320. *paniculata.*
Panicled Centaury.
Nat. of Europe.
Cult. 1640. *Park. theatr.* 476. *n.* 4.
Fl. July and August. H. ♂.

6. C. calycibus ciliatis: squamis planis obtusis apice ciliatis, foliis pinnatifidis, disco radio æquali. *intybacea.*
Centaurea intybacea. *Lamarck encycl.* 1. *p.* 671.
Succory-leaved Centaury.
Nat. of the South of Europe.

Introd. 1778, by Mons. Thouin.
Fl. July—September. H. ♃.

spinosa. 17. C. calycibus ciliatis, foliis radicalibus indivisis pinnatifidisque glabris; caulinis tomentosis pinnatifidis; rameis spinosis. *Willden. sp. pl.* 3. *p.* 2293.
Cyanus spinosus. *Alpin. exot.* 163. *t.* 162.
Prickly-branch'd Centaury.
Nat. of the Island of Candia.
Cult. 1640. *Park. theatr.* 477. *f.* 8.
Fl. July and August. F. ♃.

ragusina. 18. C. calycibus ciliatis, foliis tomentosis pinnatifidis: foliolis obtusis ovatis integerrimis: exterioribus majoribus. *Willden. sp. pl.* 3. *p.* 2294. *Botan. magaz.* 494.
Cretan Centaury.
Nat. of the Island of Candia.
Cult. before 1710. *Philosoph. transact. n.* 325. *p.* 47. *n.* 7.
Fl. June and July. F. ♃.

Cineraria. 19. C. calycibus ciliatis, foliis bipinnatifidis utrinque tomentosis: laciniis lanceolatis obtusis. *Willden. sp. pl.* 3. *p.* 2294.
Jacea montana candidissima, stœbes foliis. *Moris. hist.* 3. *p.* 141. *s.* 7. *t.* 26. *f.* 20.
White-leaved Mountain Centaury.
Nat. of Italy.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 52. *n.* 11.
Fl. July and August. F. ♃.

cinerea. 20. C. calycibus ciliatis, foliis subtomentosis: radicalibus pinnatifidis: laciniis lanceolatis obtusis superioribus basi deorsum subpinnatifidis. *Willden. sp. pl.* 3. *p.* 2294.
Centaurea Cineraria β. *Jacqu. hort. vindob.* 1 *p.* 40. *t.* 92.
Gray Centaury.
Nat. of Italy.

Cult. 1710. *Philosoph. transact. n.* 325. *p.* 47. *n.* 8.
Fl. June and July. H. ♃.

21. C. calycibus ciliatis, foliis subtus tomentosis: radicalibus bipinnatifidis: laciniis lanceolatis acutis; caulinis pinnatifidis. *Willden. sp. pl.* 3. *p.* 2295. *dealbata.*
Centaurea dealbata. *Marsh. fl. taur. caucas.* 2. *p.* 349.
Mealy Centaury.
Nat. of Mount Caucasus.
Introd. 1804, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

22. C. calycibus serratis, foliis tomentosis: radicalibus pinnatis: foliolis uniauritis. *Willden. sp. pl.* 3. *p.* 2295. *argentea.*
Jacea cretica laciniata argentea, flore parvo flavescente. *Barrel. ic.* 951. *t.* 218.
Silver-leaved Centaury.
Nat. of the Island of Candia.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacea 22.
Fl. July and August. F. ♄.

23. C. calycibus ciliatis, foliis lanceolatis serratis: infimo dente substipulatis; inferioribus hastatis. *Willden. sp. pl.* 3. *p.* 2296. *sempervirens.*
Jacea lusitanica maxima sempervirens. *Dodart mem.* 85.
Evergreen Centaury.
Nat. of Spain and Portugal.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 166. *n.* 3.
Fl. July and August. F. ♃.

24. C. calycibus ciliatis glabris, foliis pinnatifidis scabris: laciniis oblongo-lanceolatis acutis: radicalium summis basi subincisis. *Willden. sp. pl.* 3. *p.* 2296. *coriacea.*
Centaurea coriacea. *Waldst. et Kitaib. hung.* 2. *p.* 214. *t.* 195.

Leathery-leaved Centaury.
Nat. of Hungary.
Introd. 1804, by Mr. John Hunnemann.
Fl. June and July. H. ♃.

Scabiosa. 25. C. calycibus ciliatis pubescentibus, foliis pinnatifidis scabriusculis: laciniis lanceolatis acutis basi pinnatifidis. *Willden. sp. pl.* 3. *p.* 2296. *Engl. bot.* 56.
Greater Knapweed.
Nat. of Britain.
Fl. June—August. H. ♃.

tatarica. 26. C. calycibus ciliatis, foliis subtus scabris pinnatifidis: laciniis lanceolatis subdentatis. *Willden. sp. pl.* 3. *p.* 2297.
Tartarian Centaury.
Nat. of Tartary.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

Stœbe. 27. C. calycibus ciliatis oblongis, foliis pinnatifidis linearibus integerrimis. *Willden. sp. pl.* 3. *p.* 2297.
Wing-leaved Centaury.
Nat. of Austria?
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 5.
Fl. June and July. H. ♃.

**** Rhaponticoidea: *calycinis squamis aridis, scariosis, ciliato-serratis.*

macrocephala. 28. C. calycibus scariosis: squamis subrotundo-ovatis ciliatis, foliis oblongo-lanceolatis indivisis scaberrimis acutis serratis. *Willden. sp. pl.* 3. *p.* 2298. *Botan. magaz.* 1248.
Large-headed yellow Centaury.
Nat. of Mount Caucasus.
Introd. 1805, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. H. ♃.

29. C. calycibus scariosis: squamis ovato-lanceolatis serrato-ciliatis, foliis bipinnatifidis: laciniis lanceolatis. *Willden. sp. pl.* 3. *p.* 2299. *atropurpurea.*
Centaurea atropurpurea. *Waldst. et Kitaib. hung.* 2. *p.* 121. *t.* 116.
Dark-purple Centaury.
Nat. of Hungary.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. H. ♃.

30. C. calycibus apice scariosis ciliatis, foliis caulinis inferioribus pinnatifidis integerrimis; summis lanceolatis obtusis mucronatis. *Willden. sp. pl.* 3. *p.* 2299. *orientalis.*
Cyanus foliis radicalibus partim integris, partim pinnatis, bractea calycis ovali, flore sulphureo. *Haller in philosoph. transact. vol.* 43. *p.* 94. *t.* 4.
Oriental Centaury.
Nat. of Siberia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 18.
Fl. July and August. H. ♃.

31. C. calycibus scariosis: squamis ovatis obtusis ciliatis, foliis utrinque tomentosis pinnatifidis indivisisque, caule declinato. *Willden. sp. pl.* 3. *p.* 2300. *sibirica.*
Centaurea calycibus ciliatis subrotundis, foliis pinnatis et integris, foliolis simplicissimis, extremo maximo. *Gmel. sib.* 2. *p.* 96. *t.* 42. *f.* 2.
Siberian Centaury.
Nat. of Siberia.
Introd. 1782, by John Bush, Esq.
Fl. July and August. H. ♃.

32. C. calycibus ciliatis: squamis acuminatis subspinosis, foliis oblongis pinnatifidisque, flosculis radii disco longioribus. *diluta.*
Centaurea diluta. *Persoon syn.* 2. *p.* 484.
Pale-flower'd Centaury.
Nat. of the South of Europe.

Introd. 1781, by Mons. Thouin.
Fl. July and August. H. ♃.

alata. 33. C. calycis squamis superioribus apice scariosis serratis, foliis radicalibus lyratis; caulinis lanceolatis integerrimis semidecurrentibus. *Willden. sp. pl.* 3. *p.* 2301.
Centaurea alata. *Venten. cels* 80.
Wing-stalk'd Centaury.
Nat. of Tartary.
Introd. 1781, by Mons. Thouin.
Fl. August and September. H. ♃.

***** Rhapontica: *calycinis squamis aridis, scariosis, integerrimis, vel laceris.*

repens. 34. C. calycibus scariosis, foliis lanceolatis subpetiolatis dentatis, pedunculis filiformibus aphyllis. *Willden. sp. pl.* 3. *p.* 2302.
Creeping Centaury.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacea 27.
Fl. June—August. H. ♃.

Jacea. 35. C. calycibus scariosis: squamis ovatis apice laceris, foliis lanceolatis integerrimis: radicalibus subdentatis, ramis angulatis. *Willden. sp. pl.* 3. *p.* 2303. *Engl. bot.* 1678.
Brown or radiated Knapweed.
Nat. of England.
Fl. July—September. H. ♃.

alba. 36. C. calycibus scariosis integris mucronatis, foliis pinnato-dentatis: caulinis linearibus basi dentatis. *Willden. sp. pl.* 3. *p.* 2304.
White-flower'd Centaury.
Nat. of Spain.
Cult. 1597, by Mr. John Gerard. *Ger. herb.* 590. *n.* 5.
Fl. June—September. H. ♃.

splendens. 37. C. calycibus scariosis ovatis: squamis mucronatis,

tis, foliis inferioribus bipinnatifidis linearibus; superioribus pinnatis: pinnis linearibus subdentatis. *Willden. sp. pl.* 3. *p.* 2304.
Stœbe salmantica III. *Clus. hist.* 2. *p.* 10.
Shining Centaury.
Nat. of Spain and Siberia.
Cult. 1597, by Mr. John Gerard. *Ger. herb.* 590. *f.* 1.
Fl. July and August. H. ♂.

38. C. calycibus scariosis: squamis subrotundis integerrimis, foliis oblongis glabris: radicalibus serratis; caulinis basi subincisis. *Willden. sp. pl.* 3. *p.* 2305. *tagana.*
Centaurea tagana. *Brot. phyt. lusitan. t.* 3.
Portugal Centaury.
Nat. of Portugal.
Cult. 1640. *Park. theatr.* 466. *f.* 3.
Fl. July and August. H. ♃.

39. C. calycibus scariosis: squamis ovatis laceris, foliis ovato-oblongis denticulatis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 2305. *Rhapontica.*
Rhaponticum folio inulæ, Centaurei majoris facie. *Lobel. ic.* 1. *p.* 288.
Swiss Centaury.
Nat. of Switzerland.
Cult. before 1640, by Mr. John Parkinson. *Park. theatr.* 156. *f.* 5.
Fl. July and August. H. ♃.

40. C. calycibus scariosis, foliis subtomentosis decurrentibus indivisis; radicalibus lyratis. *Willden. sp. pl.* 3. *p.* 2306. *babylonica.*
Jacea maxima. *Alpin. exot. t.* 282.
Babylonian Centaury.
Nat. of the Levant.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 52. *n.* 10.
Fl. June—September. H. ♃.

41. C. calycibus scariosis, foliis indivisis integerrimis decur- *glastifolia.*

decurrentibus. *Willden. sp. pl.* 3. *p.* 2307. *Curtis magaz.* 62.
Woad-leaved Centaury.
Nat. of Siberia.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Centaurium 6.
Fl. June—August. H. ♃.

conifera. 42. C. calycibus scariosis, foliis tomentosis: radicalibus lanceolatis; caulinis pinnatifidis, caule simplici. *Willden. sp. pl.* 3. *p.* 2307.
Leuzea conifera. *Decandolle in annales du museum* 16. *p.* 205. *t.* 14.
Cone Centaury.
Nat. of the South of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 167. *n.* 4.
Fl. June—September. H. ♃.

****** Stœbe: *calycinis squamis apice fasciculo spinarum vel spina palmata instructis.*

sonchifolia. 43. C. calycibus palmato-spinosis: spinis reflexis, foliis oblongis glabriusculis amplexicaulibus semidecurrentibus repando-dentatis: dentibus spinosis. *Willden. sp. pl.* 3. *p.* 2307.
Jacea laciniata, sonchi folio. *Herm. lugdb.* 331. *t.* 675.
Sow-thistle-leaved Centaury.
Nat. of the Coasts of the Mediterranean.
Introd. about 1780, by Mons. Thouin.
Fl. August—October. H. ♃.

seridis. 44. C. calycibus palmato-spinosis: spinis reflexis, foliis oblongis incanis amplexicaulibus semidecurrentibus dentatis basi subincisis: dentibus subspinosis. *Willden. sp. pl.* 3. *p.* 2308.
Jacea latifolia, caule alato, capite magno turbinato. *Pluk. alm.* 191. *t.* 38. *f.* 1.
Purple-flower'd Spanish Centaury.
Nat. of Spain.

Cult. before 1686, by Mr. John Ray. *Raj. hist.* 320. *n.* 11.
Fl. June—August. H. ♃.

45. C. calycibus palmato-spinosis: spinis reflexis, foliis lanceolatis sessilibus decurrentibus piloso-scabris inermibus denticulatis; radicalibus lyratis. *Willden. sp. pl.* 3. *p.* 2308. *romana.*
Calcitrapa canescens alato caule. *Zanon. hist.* 63. *t.* 42, 43.
Roman Centaury.
Nat. of Rome.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Jacea 16.
Fl. July—September. H. ♂.

46. C. calycibus palmato-spinosis: spinis reflexis calyce majoribus, foliis incanis oblongis sessilibus decurrentibus pinnatifidis inermi-dentatis. *Willden. sp. pl.* 3. *p.* 2309. *ferox.*
Centaurea ferox. *Desfont. atlant.* 2. *p.* 297. *t.* 242.
Hedgehog Centaury.
Nat. of Barbary.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July—September. F. ♃.

47. C. calycibus palmato-spinosis solitariis: spinis rectis, foliis canescentibus lineari-lanceolatis decurrentibus integerrimis; radicalibus lyratis. *Willden. sp. pl.* 3. *p.* 2309. *Engl. bot.* 243. *solstitialis.*
St. Barnaby's Star-thistle.
Nat. of England.
Fl. July and August. H. ☉.

48. C. calycibus palmato-spinosis subgeminatis sessilibus: spinis rectis, foliis lanceolatis scabris decurrentibus: inferioribus subdentatis; radicalibus sinuatis. *Willden. sp. pl.* 3. *p.* 2310. *melitensis.*
Jacea melitensis, capitulis conglobatis. *Boccon. sic.* 65. *t.* 35.
Cluster-headed Centaury.

Nat. of the Island of Malta.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 47. *n.* 4.
Fl. July and August. H. ⊙.

Adami. 49. C. calycibus palmato-spinosis solitariis: spinis rectis; squamis intimis apice scariosis, foliis tomentosis lanceolatis decurrentibus: infimis denticulatis basi pinnatifidis. *Willden. sp. pl.* 3. *p.* 2310.
Adam's Centaury.
Nat. of Siberia.
Introd. 1804, by Messrs. Loddiges.
Fl. July and August. H. ⊙.

sicula. 50. C. calycibus palmato-spinosis: spinis patentibus, foliis scabris: caulinis lanceolatis basi decurrente denticulatis; radicalibus lyratis. *Willden. sp. pl.* 3. *p.* 2311.
Jacea sicula, cichorii folio, flore luteo, capite spinoso. *Boccon. sic.* 14. *t.* 8. *f.* 1.
Sicilian Centaury.
Nat. of Sicily.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 47. *n.* 5.
Fl. July and August. H. ⊙.

sphærocephala. 51. C. calycibus palmato-spinosis, foliis amplexicaulibus hispidis oblongis dentatis: inferioribus pinnatifidis. *Willden. sp. pl.* 3. *p.* 2311.
Centaurea cæspitosa. *Cyrill. neapol.* 1. *p.* 24. *t.* 8.
Prickly Globe-headed Centaury.
Nat. of the South of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 167. *n.* 3.
Fl. most part of the Summer. H. ♃.

Isnardi. 52. C. calycibus palmato-spinosis solitariis sessilibus, foliis lanceolatis subamplexicaulibus pinnatifido-dentatis. *Willden. sp. pl.* 3. *p.* 2312. *Engl. bot.* 2256.
Jersey Star-thistle.

Nat. of Jersey.
Fl. July and August. H. ♃.

53. C. calycibus palmato-spinosis terminalibus sessilibus glomeratis, foliis petiolatis pinnatifidis inciso-dentatis. *Willden. sp. pl.* 3. *p.* 2312. *hort. berolin.* 26. *straminea.*
Centaurea prolifera. *Venten. cels* 16.
Straw-colour'd Centaury.
Nat. of Egypt.
Introd. 1801, by Mons. Thouin.
Fl. July and August. H. ⊙.

54. C. calycibus palmato-spinosis: spinis setaceis, bracteis lanceolatis involucratis, foliis petiolatis basi amplexicaulibus lyratis hispidis. *Willden. sp. pl.* 3. *p.* 2313. *pullata.*
Jacea calycibus capillaribus recurvatis. *Mill. ic.* 2. *p.* 102. *t.* 152. *f.* 2.
Sad-colour'd Centaury.
Nat. of the South of Europe.
Cult. before 1714. *Philosoph. transact. n.* 342. *p.* 236. *n.* 22.
Fl. June and July. H. ♂.

55. C. calycibus palmato-spinosis, foliis caulinis lanceolatis dentatis decurrentibus; radicalibus lyratis obtusis. *Willden. sp. pl.* 3. *p.* 2313. *napifolia.*
Jacea cyanoides altera, alato caule. *Herm. paradis.* 189. *cum tab.*
Turnip-leaved Centaury.
Nat. of the Island of Candia.
Cult. before 1691, in the Oxford garden. *Pluk. phyt.* 94. *f.* 2.
Fl. July—September. H. ⊙.

56. C. calycibus palmato-spinosis: spina tricuspidata, foliis lanceolatis sessilibus dentatis. *Willden. sp. pl.* 3. *p.* 2314. *aspera.*
Jacea supina maritima laciniata, capite spinoso, flore rubello. *Boccon. mus.* 35. *t.* 26.
Rough Centaury.

Nat. of the South of Europe.
Introd. 1772, by Mons. Richard.
Fl. June—October. H. ⊙.

******* Calcitrapæ : *calycinis spinis compositis.*

benedicta. 57. C. calycibus duplicato-spinosis lanatis involucratis, foliis semidecurrentibus denticulato-spinosis. *Willden. sp. pl.* 3. *p.* 2315. *Zorn ic.* 122.
Blessed Thistle, or Centaury.
Nat. of Spain and the Levant.
Cult. 1548. *Turner's names of herbes, sign Biiij.*
Fl. June—September. H. ⊙.

eriophora. 58. C. calycibus duplicato-spinosis lanatis, foliis semidecurrentibus integris sinuatisque, caule prolifero. *Willden. sp. pl.* 3. *p.* 2316.
Woolly-headed Centaury.
Nat. of Portugal.
Cult. before 1714, in Chelsea garden. *Philosoph. transact. n.* 342. *p.* 236. *n.* 20.
Fl. June—September. H. ⊙.

ægyptiaca. 59. C. calycibus duplicato-spinosis sublanatis, foliis sessilibus lanceolatis integris dentatisque, caule prolifero. *Willden. sp. pl.* 3. *p.* 2316.
Egyptian Centaury.
Nat. of Egypt.
Introd. 1790, by Messrs. Grimwood and Barrit.
Fl. June—September. G. H. ♃.

Calcitrapa. 60. C. calycibus subduplicato-spinosis sessilibus, foliis pinnatifidis linearibus dentatis, caule piloso. *Willden. sp. pl.* 3. *p.* 2317. *Engl. bot.* 125.
Common Star-thistle.
Nat. of England.
Fl. July and August. H. ⊙.

calcitrapoides. 61. C. calycibus subduplicato-spinosis, foliis amplexicaulibus lanceolatis indivisis serratis. *Willden. sp. pl.* 3. *p.* 2317.
Phœnician Centaury.

Nat. of the Levant.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 68. *n.* 4.
Fl. June and July. H. ⊙.

******* Calcitrapoidea: *calycinis squamis ciliatis spina terminatis.*

62. C. calycibus apice ciliato-spinosis: spinis squamarum inferiorum reflexis, foliis pinnatis: laciniis linearibus obtusis; radicalibus bipinnatis. *Willden. sp. pl.* 3. *p.* 2320. *reflexa.*
Crook-spined Centaury.
Nat. of Iberia.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

63. C. calycibus ciliato-spinosis, foliis lyrato-pinnatis subintegerrimis: terminali maxima dentata. *Willden. sp. pl.* 3. *p.* 2321. *centauroides.*
Jacea lævis maxima centauroides apula. *Columm. ecphr.* 1. *p.* 33. *t.* 35.
Lyre-leaved Centaury.
Nat. of the South of Europe and the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Jacea 33.
Fl. May—July. H. ♃.

64. C. calycibus ciliato-spinosis, foliis caulinis pinnatifidis; radicalibus bipinnatifidis: laciniis lanceolatis. *Willden. sp. pl.* 3. *p.* 2322. *collina.*
Jacea luteo flore. *Clus. hist.* 2. *p.* 8.
Italian Hill Centaury.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June and July. H. ♃.

******** Crocodiloidea, *spinis simplicibus.*

65. C. calycibus squamis spina longissima medio bisetosa terminatis, foliis radicalibus sinuato-pinnatifidis; *verutum.*

natifidis; caulinis lanceolatis integerrimis decurrentibus. *Willden. sp. pl.* 3. *p.* 2323.
Centaurea verutum. *Jacqu. ic.* 1. *t.* 178.
Dwarf Centaury.
Nat. of the Levant.
Introd. 1780, by Mr. William Hudson.
Fl. August and September. H. ⊙.

salmantica. 66. C. calycibus globosis glabris setula subspinosa exstante, foliis lanceolatis serratis; radicalibus lyratis, caule divaricato. *Willden. sp. pl.* 3. *p.* 2324. *Jacqu. hort. vindob.* 1. *p.* 26. *t.* 64.
Ragwort-leaved Centaury.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July and August. H. ♂.

aurea. 67. C. calycibus simplicissime spinosis: spinis patentibus, flosculis æqualibus, foliis hirtis: inferioribus pinnatifidis. *Willden. sp. pl.* 3. *p.* 2324. *Curtis magaz.* 421.
Great golden Centaury.
Nat. of the South of Europe.
Cult. 1758, by Mr. Philip Miller.
Fl. July—September. H. ♃.

muricata. 68. C. calycibus simplicissime-spinosis, foliis inferioribus pinnatifidis; superioribus lanceolatis, pedunculis longissimis. *Willden. sp. pl.* 3. *p.* 2325.
Cyanoides flos. *Dod. pempt.* 251.
Muricated Spanish Centaury.
Nat. of Spain.
Introd. 1621, by Mr. William Boel. *Ger. emac.* 729. *n.* 8. conf. *Moris. hist.* 3. *p.* 142. *n.* 6.
Fl. July and August. H. ⊙.

peregrina. 69. C. calycibus setaceo-spinosis, foliis lanceolatis petiolatis inferne dentatis. *Willden. sp. pl.* 3. *p.* 2325.
Soft-leaved foreign Centaury.
Nat. of the South of Europe.

Cult. 1749, by Mr. Ph. Miller. *R. S. n.* 1360.
Fl. July and August. H. ♂.

70. C. calycibus subinermibus subaristatis radiatis, foliis pinnatifidis. *Willden. sp. pl.* 3. *p.* 2425. *radiata.*
Xeranthemum receptaculis pilosis, foliis pinnatifidis. *Gmel. sib.* 2. *p.* 108. *t.* 47. *f.* 1.
Rayed Centaury.
Nat. of Siberia.
Introd. 1804, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ♃.

71. C. calycibus scariosis simplicissime spinosis, foliis pinnatifidis integerrimis: lacinia extima majore dentata. *Willden. sp. pl.* 3. *p.* 2326. *Crocodylium.*
Cyanus purpureus, capite spinoso, syriacus. *Barrel. rar.* 927. *t.* 503.
Blush-flower'd Centaury.
Nat. of the Levant.
Introd. 1777, by John Earl of Bute.
Fl. July and August. H. ⊙.

72. C. calycibus setaceo-spinosis, foliis decurrentibus sinuatis spinosis subtus tomentosis. *Willden. sp. pl.* 3. *p.* 2327. *galactites.*
Galactites tomentosa. *Decandolle in annales du museum* 16. *p.* 196. *t.* 16.
White-vein'd Centaury.
Nat. of the South of Europe.
Cult. 1738, by Mr. Ph. Miller. *R. S. n.* 804.
Fl. July and August. H. ⊙.

POLYGAMIA NECESSARIA.

MILLERIA. *Gen. pl.* 1332.

Recept. nudum. *Pappus* nullus. *Cal* 3-valvis. *Radius* corollæ dimidiatus.

quinqueflora. 1. M. foliis petiolatis subrotundo-ovatis basi attenuatis; floralibus subcordatis, pedunculis terminalibus dichotomis. *Willden. sp. pl.* 3. *p.* 2328.

Milleria annua erecta, foliis conjugatis, floribus spicatis luteis. *Mart. dec.* 41.

Five-flower'd Milleria.

Nat. of Vera Cruz.

Introd. 1731, by William Houstoun, M.D. *Mill. dict. ed.* 8. *n.* 1.

Fl. July—October. S. ⊙.

biflora. 2. M. foliis petiolatis oblongo-ovatis ciliatis, pedunculis terminalibus aggregatis. *Willden. sp. pl.* 3. *p.* 2328.

Milleria annua erecta minor, foliis parietariæ, floribus ex foliorum alis. *Mart. dec.* 47. *f.* 1.

Two-flower'd Milleria.

Nat. of Campeachy.

Introd. 1730, by William Houstoun, M. D. *Mart. loc. cit.*

Fl. July—October. S. ⊙.

Contrayerba. 3. M. foliis subpetiolatis lanceolatis trinerviis mucronato-serratis, floribus terminalibus fasciculatis. *Willden. sp. pl.* 3. *p.* 2329.

Milleria Contrayerba. *Cavanill. ic.* 1. *p.* 2. *t.* 4.

Flaveria contrayerba. *Persoon syn.* 2. *p.* 489.

Peruvian Milleria.

Nat. of Peru.

Introd. 1794, by Archibald Menzies, Esq.

Fl. July—September. S. ♂.

BALTIMORA. *Gen. pl.* 1333.

Recept. paleaceum. *Pappus* nullus. *Cal.* cylindricus, polyphyllus. *Radius* corollæ 5-florus.

recta. 1. BALTIMORA. *Willden. sp. pl.* 3. *p.* 2329. *Schkuhr handb.* 3. *p.* 168. *t.* 261. *C.*

Upright Baltimora.

Nat. of Vera Cruz.

Introd. before 1699, by William Sherard, LL. D.
Moris. hist. 3. *p.* 47. *n.* 17.
Fl. June and July. H. ⊙.

SILPHIUM. *Gen. pl.* 1334.

Recept. paleaceum. *Pappus* marginato-bicornis.
Cal. squarrosus.

1. S. foliis radicalibus caulinisque pinnatifidis, caule hirto. *Willden. sp. pl.* 3. *p.* 2330. *laciniatum.*
Silphium laciniatum. *Linn. fil. fascic.* 1. *p.* 5. *t.* 3.
Jag'd-leaved Silphium.
Nat. of North America.
Introd. 1781, by Mons. Thouin.
Fl. July—September. H. ♃.

2. S. foliis alternis ovatis serratis scabris: radicalibus cordatis. *Willden. sp. pl.* 3. *p.* 2331. *Jacqu. hort. vindob.* 1. *p.* 16. *t.* 43. *therebinthinaceum*
Broad-leaved Silphium.
Nat. of North America.
Introd. 1765, by Messrs. Kennedy and Lee.
Fl. August and September. H. ♃.

3. S. foliis oppositis deltoidibus petiolatis perfoliatis, caule tetragono lævi. *Willden. sp. pl.* 3. *p.* 2331. *perfoliatum.*
Square-stalk'd Silphium.
Nat. of North America.
Cult. 1766, by Peter Collinson, Esq.
Fl. July—October. H. ♃.

4. S. foliis oppositis sessilibus perfoliatis, caule tereti scabro. *Willden. sp. pl.* 3. *p.* 2332. *connatum.*
Round-stalk'd Silphium.
Nat. of North America.
Introd. 1765, by Messrs. Kennedy and Lee.
Fl. July—October. H. ♃.

5. S. foliis oppositis alternisve sessilibus oblongis hirtis: inferioribus serratis, caule tereti hispido. *Willden. sp. pl.* 3. *p.* 2332. *Asteriscus.*

Asteriscus coronæ solis flore et facie. *Dill. elth.* 42. *t.* 37. *f.* 42.
Hairy-stalk'd Silphium.
Nat. of North America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. July—September. H. ♃.

trifoliatum. 6. S. caulibus sexangulis, foliis ternis ovatis dentatis, panicula trichotoma. *Willden. sp. pl.* 3. *p.* 2333.
Chrysanthemum virginianum, foliis asperis tribus vel quaternis ad genicula sitis. *Moris. hist.* 3. *p.* 24. *s.* 6. *t.* 3. *f.* 68.
Three-leaved Silphium.
Nat. of North America.
Cult. 1755, by Mr. Ph. Miller. *R. S. n.* 1669.
Fl. July—October. H. ♃.

ALCINA. *Cavanill. ic.* 1. *p.* 10.

Recept. paleaceum. *Pappus* nullus. *Semina* apice obliquo dentato. *Cal.* 5-phyllus.

perfoliata. 1. ALCINA.
Alcina perfoliata. *Cavanill. ic.* 1. *p.* 11. *t.* 15
Persoon syn. 2. *p.* 491.
Perfoliate Alcina.
Nat. of Mexico.
Introd. 1796, by the Marchioness of Bute.
Fl. July and August. G. H. ⊙.

POLYMNIA. *Gen. pl.* 1335.

Recept. paleaceum. *Pappus* nullus. *Cal.* duplex: exterior 4- s. 5-phyllus; interior 10-phyllus: foliolis concavis.

canadensis. 1. P. foliis denticulatis acuminatis: inferioribus pinnatifidis; superioribus trilobis integrisve. *Willden. sp. pl.* 3. *p.* 2335.
Polymnia. *Linn. amœn. acad.* 3. *p.* 15. *t.* 1. *f.*
Canadian Polymnia.

Na

Nat. of North America.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 2.
Fl. July and August. H. ♃.

2. P. foliis trilobis acutis in petiolum decurrentibus: lobis anguloso-sinuatis. *Willden. sp. pl.* 3. *p.* 2335. *Uvedalia.*
Polymnia maculata. *Cavanill. ic.* 3. *p.* 14. *t.* 227.
Broad-leaved Polymnia.
Nat. of Virginia.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 22. *n.* 57.
Fl. August—October. H. ♃.

3. P. foliis oppositis sessilibus oblongo-lanceolatis subdentatis, calycibus quinquepartitis, flosculis omnibus seminiferis. *Willden. sp. pl.* 3. *p.* 2336. *abyssinica.*
Upright Polymnia.
Nat. of Africa. *James Bruce,* Esq.
Introd. 1775.
Fl. April and May. S. ♂.

MELAMPODIUM. *Gen. pl.* 1338.

Recept. paleaceum, conicum. *Pappus* 1-phyllus, vulviformis. *Cal.* 5-phyllus.

1. M. caule erecto, foliis sublinearibus utrinque unidentatis. *Willden. sp. pl.* 3. *p.* 2338. *Reliqu. houst.* 9. *t.* 21. *americanum.*
American Melampodium.
Nat. of Vera Cruz.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. Calendula 9.
Fl. August—October. S. ⊙.

2. M. caule erecto, foliis lyrato-dentatis sessilibus. *Willden. sp. pl.* 3. *p.* 2338. *humile.*
Dwarf Melampodium.
Nat. of Jamaica.

Introd. 1782, by Mr. Gilbert Alexander.
Fl. June—October. S. ☉.

CALENDULA. *Gen. pl.* 1339.

Recept. nudum. *Pappus* nullus. *Cal.* polyphyllus, æqualis. *Sem.* disci membranacea.

arvensis. 1. C. seminibus cymbiformibus muricatis incurvatis: exterioribus lanceolato-subulatis dorso muricatis. *Willden. sp. pl.* 3. *p.* 2339. *Bulliard. herb. de la France* 239.
Field Marygold.
Nat. of Europe.
Cult. 1597. *Ger. herb.* 603. *f.* 10.
Fl. most part of the Summer. H. ☉.

stellata. 2. C. seminibus cymbiformibus incurvatis muricatis: exterioribus quinque ovato-lanceolatis margine membranaceis dentatis dorso muricatis. *Willden. sp. pl.* 3. *p.* 2340. *Schkuhr handb.* 3. *p.* 173. *t.* 265.
Starry Marygold.
Nat. of Barbary.
Introd. 1795, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—September. H. ☉.

officinalis. 3. C. seminibus cymbiformibus muricatis incurvatis omnibus. *Willden. sp. pl.* 3. *p.* 2340. *J. Miller illustr.*
α. flore simplici.
Common Marygold.
β. flore pleno.
Double-flower'd Marygold.
Nat. of the South of Europe.
Cult. 1573. *Tusser fol.* 39. *n.* 21.
Fl. June—September. H. ♃.

incana. 4. C. seminibus cymbiformibus lævibus; exterioribus subulatis erectis submuricatis, foliis oblongo-spathulatis utrinque tomentosis. *Willden. sp. pl.* 3. *p.* 2341.

Calendula tomentosa. *Desfont. atl.* 2. *p.* 305. *t.* 245.
Hoary Marygold.
Nat. of Barbary and Portugal.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. F. ☉.

5. C. foliis angusto-lanceolatis sinuato-denticulatis, caule folioso, pedunculis filiformibus. *Willden. sp. pl.* 3. *p.* 2342. *pluvialis.*
Calendula humilis africana, flore intus albo, foris violaceo simplici. *Breyn. ic.* 26. *t.* 14. *f.* 1.
Small Cape Marygold.
Nat. of the Cape of Good Hope.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 14. *n.* 8.
Fl. June—August. H. ☉.

6. C. foliis oblongo-lanceolatis obtusis dentatis, caule folioso, pedunculis superne incrassatis. *Willden. sp. pl.* 3. *p.* 2342. *Schkuhr handb.* 3. *p.* 173. *t.* 264. *hybrida.*
Great Cape Marygold.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. Appendix 2.
Fl. June and July. H. ☉.

7. C. foliis lanceolatis sinuato-dentatis, caule subnudo. *Willden. sp. pl.* 3. *p.* 2343. *nudicaulis.*
Bellis africana, florum pediculis pene aphyllis, foliis incisis. *Commel. hort.* 2. *p.* 66. *t.* 33.
Naked-stalk'd Cape Marygold.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Caltha 8.
Fl. June—August. H. ☉.

8. C. foliis linearibus subintegerrimis, caule subnudo. *Willden. sp. pl.* 3. *p.* 2345. *graminifolia.*
Calendula foliis linearibus denticulatis et integerrimis. *Mill. ic.* 1. *p.* 51. *t.* 76. *f.* 1.

Grass leaved Marygold.
Nat. of the Cape of Good Hope.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Caltha 9.
Fl. most part of the Year. G. H. ♃.

Tragus. 9. C. foliis linearibus subdenticulatis subtus muricato-punctatis, seminibus suborbiculatis, caule suffruticoso. *Willden. sp. pl.* 3. *p.* 2345. *Curtis magaz.* 408.
Calendula flaccida. *Venten. malmais.* 20.
Bending-stalk'd Marygold.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. May and June. G. H. ♄.

viscosa. 10. C. viscosa, foliis cuneatis inciso-dentatis glabris, calycibus tomentoso-ciliatis, caule fruticoso debili.
Calendula viscosa. *Andrews's reposit.* 412.
Arctotis glutinosa. *Sims in botan. magaz.* 1343.
Viscous Marygold.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. all the Summer. G. H. ♄.

oppositifolia. 11. C. foliis oppositis linearibus integerrimis subcarnosis glabris. *Willden. sp. pl.* 3. *p.* 2345.
Glaucous Marygold.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. August. G. H. ♄.

fruticosa. 12. C. foliis obovatis subdentatis, caule fruticoso decumbente. *Willden. sp. pl.* 3. *p.* 2346.
Calendula foliis ovato-lanceolatis obtusis, caule fruticoso decumbente. *Mill. ic.* 2. *p.* 189. *t.* 283.
Shrubby Marygold.
Nat. of the Cape of Good Hope.
Cult. before 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. Appendix 4.
Fl. June and July. G. H. ♄.

13. C. fo-

13. C. foliis cuneato-obovatis lyrato-incisis scabriusculis, caule fruticoso erecto. *chrysanthemifolia.*
Calendula chrysanthemifolia. *Venten. malmais.* 56.
Large-flower'd Marygold.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. most part of the Summer. G. H. ♄.

14. C. foliis oblongis dentatis scabris, calycibus fructiferis cernuis, seminibus suborbiculatis, caule fruticoso paniculato. *Willden. sp. pl.* 3. *p.* 2346. *arborescens.*
Calendula arborescens. *Jacqu. ic.* 3. *t.* 596.
Rough-leaved Marygold.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. December. G. H. ♄.

ARCTOTIS. (*Gen. pl.* 1340.) *Brown mss.*

Recept. setoso-alveolatum. *Semina* dorso semibiloculari v. bisulco. *Pappus* paleaceus. *Cal.* imbricatus: squamis apice scariosis.

1. A. caule brevissimo decumbente, foliis utrinque incanis ternato-lyratis dentatis, calycinis squamis exterioribus adpressis. *Willden. sp. pl.* 3. *p.* 2348. *acaulis.*
Arctotis acaulis. *Trew ehret.* 53. *t.* 93.
Dwarf Arctotis.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. April—July. G. H. ♃.

2. A. foliis subtus tomentosis ovatis integerrimis lyratisve dentatis, scapo sulcato unifloro, squamis calycinis exterioribus reflexis. *Willden. sp. pl.* 3. *p.* 2349. *tricolor.*
Arctotis tricolor. *Jacqu. hort. schœnbr.* 2. *p.* 27. *t.* 159.
Three-colour'd Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd.

Introd. 1794.
Fl. May—July. G. H. ♃.

undulata. 3. A. foliis subtus tomentosis undulato-dentatis ovatis lyratisve, scapis unifloris striatis, calycinis squamis exterioribus reflexis. *Willden. sp. pl.* 3. *p.* 2349.
Arctotis undulata. *Jacqu. hort. schœnbr.* 2. *p.* 17. *t.* 160.
Wave-leaved Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. April—June. G. H. ♃.

grandiflora. 4. A. foliis pinnatifidis denticulatis arachnoideis triplinerviis.
Great-flower'd Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. March—May. G. H. ♂.

Obs. Caulescens. *Radius* maximus. *Petala* straminea, subtus rubore tincta, supra prope basin lutescentia, ore nigro-purpureo.

glaucophylla. 5. A. foliis canescentibus pinnatifidis repando-subdentatis, caule basi ramoso, calycinis squamis exterioribus reflexis. *Willden. sp. pl.* 3. *p.* 2350.
Arctotis glaucophylla. *Jacqu. hort. schœnbr.* 2. *p.* 22. *t.* 170.
Sea-green-leaved Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. most part of the Summer. G. H. ♃.

plantaginea. 6. A. foliis lanceolato-ovatis nervosis denticulatis amplexicaulibus. *Willden. sp. pl.* 3. *p.* 2350.
Plantain-leaved Arctotis.
Nat. of the Cape of Good Hope.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 5.
Fl. June—August. G. H. ♃.

7. A. fo-

7. A. foliis lanceolato-linearibus integerrimis tomentosis. *Willden. sp. pl.* 3. *p.* 2351. *argentea.*
Silver-leaved Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. August. G. H. ♂.

8. A. caule procumbente, foliis spathulato-lanceolatis repando-dentatis incanis, pappo duplici. *Willden. sp. pl.* 3. *p.* 2351. *rosea.*
Arctotis rosea. *Jacqu. hort. schœnbr.* 2. *p.* 18. *t.* 162.
Rose Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1793.
Fl. July—September. G. H. ♃.

9. A. caule procumbente, foliis oblongo-lanceolatis inæqualiter dentatis canescentibus: subtus tomentosis trinerviis, calycinis squamis exterioribus adpressis. *Willden. sp. pl.* 3. *p.* 2351. *decumbens.*
Arctotis decumbens. *Jacqu. hort. schœnbr.* 3. *p.* 68. *t.* 381.
Decumbent Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. July—September. G. H. ♃.

10. A. caule ramoso adscendente, foliis tomentosis spathulato-lanceolatis subdentatis trinerviis pubescentibus, calycinis squamis exterioribus reflexis. *Willden. sp. pl.* 3. *p.* 2352. *angustifolia.*
Narrow-leaved Arctotis.
Nat. of the Cape of Good Hope.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Anemonospermos 5.
Fl. July and August. G. H. ♄.

11. A. caule ramoso herbaceo adscendente, foliis spathulato-lanceolatis integerrimis trinerviis pubescentibus, calycinis squamis omnibus reflexis. *Willden. sp. pl.* 3. *p.* 2352. *flaccida.*

Arctotis flaccida. *Jacqu. hort. schœnbr.* 2. *p.* 19. *t.* 163.
Bending-stalk'd Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. May—July. G. H. ☉.

decurrens. 12. A. caule fruticoso, foliis hirtis oblongis indivisis subdentatis. *Willden. sp. pl.* 3. *p.* 2353.
Arctotis decurrens. *Jacqu. hort. schœnbr.* 2. *p.* 20. *t.* 165.
Decurrent Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. June and July. G. H. ♄.

reptans. 13. A. caule herbaceo adscendente, foliis hirtis subtus incanis: inferioribus lyrato-dentatis; superioribus lanceolatis dentatis. *Willden. sp. pl.* 3. *p.* 2354.
Arctotis reptans. *Jacqu. hort. schœnbr.* 3. *p.* 69. *t.* 382.
Creeping Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. July—September. G. H. ♃.

auriculata. 14. A. caule fruticoso niveo-tomentoso, foliis lyratis amplexicaulibus tomentosis dentatis: lobo terminali rhombeo. *Willden. sp. pl.* 3. *p.* 2354.
Arctotis auriculata. *Jacqu. hort. schœnbr.* 2. *p.* 22. *t.* 169.
Ear-leaved Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. June—August. G. H. ♄.

fastuosa. 15. A. caule erecto herbaceo, foliis hirtis oblongis dentatis, calycinis squamis exterioribus reflexis ciliatis. *Willden. sp. pl.* 3. *p.* 2354.
Arctotis fastuosa. *Jacqu. hort. schœnbr.* 2. *p.* 21. *t.* 166.

Orange-flower'd Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. May—July. G. H. ♂.

16. A. caule erecto herbaceo, foliis cano-hirtis viscosis oblongis amplexicaulibus mucronato-dentatis, calycinis squamis exterioribus patulis. *Willden. sp. pl.* 3. *p.* 2355. *spinulosa.*
Arctotis spinulosa. *Jacqu. hort. schœnbr.* 2. *p.* 21. *t.* 167.
Thorny-leaved Arctotis.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. May—August. G. H. ♄.

17. A. caule erecto fruticoso, foliis pinnatifidis scabris subtus tomentosis margine revolutis: laciniis lanceolatis obtusis mucronato-dentatis. *Willden. sp. pl.* 3. *p.* 2356. *aspera.*
α. Anemonospermos africana, foliis cardui benedicti, florum radiis intus sulphureis. *Commel. hort.* 2. *p.* 43. *t.* 22.
Broad-leaved rough Arctotis.
β. Anemonospermos afra, folio Jacobææ tenuiter laciniato, flore aurantio pulcherrimo. *Boerh. lugdb.* 1. *p.* 100. *cum tab.*
Narrow-leaved rough Arctotis.
Nat. of the Cape of Good Hope.
Cult. before 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 11.
Fl. July—September. G. H. ♄.

OSTEOSPERMUM. *Gen. pl.* 1341.

Recept. nudum. *Pappus* nullus. *Cal.* polyphyllus. *Sem.* globosa, colorata, ossea.

1. O. foliis pinnatifidis piloso-viscosis, ramis spinula terminatis, calycibus simplicibus. *spinosum.*
Osteospermum spinosum. *Linn. sp. pl.* 1308.
Osteospermum spinescens. *Willden. sp. pl.* 3. *p.* 2365.

Chrysanthemoides osteospermum, africanum odoratum, spinosum et viscosum. *Commel. hort.* 2. *p.* 85. *t.* 43.
Rough-leaved prickly Osteospermum.
Nat. of the Cape of Good Hope.
Cult. 1700, by Robert Uvedale, LL. D. *Pet. mus.* 799.
Fl. February—Obtober. G. H. ♄.

spinescens. 2. O. foliis obovato-lanceolatis lævibus: adultis glabris, ramis spinescentibus: calycibus imbricatis pedunculisque lanatis.
Osteospermum spinescens. *Thunb. prodr.* 166.
Osteospermum spinosum. *Jacqu. hort. schœnbr.* 3. *p.* 66. *t.* 377.
Osteospermum spinosum. *Willden. sp. pl.* 3. *p.* 2365. (exclus. synon. Linnei.)
Smooth-leaved prickly Osteospermum.
Nat. of the Cape of Good Hope.
Introd. 1793, by Mr. Fr. Masson.
Fl. March—June. G. H. ♄.

pisiferum. 3. O. foliis lanceolatis mucronatis subpetiolatis glabris serratis, ramulis denticulato-angulatis. *Willden. sp. pl.* 3. *p.* 2366.
Osteospermum foliis lanceolatis acute dentatis, caule fruticoso. *Mill. ic.* 2. *p.* 129. *t.* 194. *f.* 1.
Smooth Osteospermum.
Nat. of the Cape of Good Hope.
Cult. 1757, by Mr. Ph. Miller. *Mill. ic. loc. cit.*
Fl. March—May. G. H. ♄.

moniliferum. 4. O. foliis obovatis serratis petiolatis subdecurrentibus. *Willden. sp. pl.* 3. *p.* 2366.
Chrysanthemoides africanum, populi albæ foliis. *Dill. elth.* 80. *t.* 68. *f.* 79.
Poplar-leaved Osteospermum.
Nat. of the Cape of Good Hope.
Cult. 1714. *Philosoph. transact. n.* 346. *p.* 357. *n.* 107.
Fl. July and August. G. H. ♄.

5. O. foliis dentato-pinnatifidis pilosis, ramis inermibus. *Willden. sp. pl.* 3. *p.* 2367. *rigidum.*
Rigid Osteospermum.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. April—July. G. H. ♄.

6. O. foliis pinnatifidis glabris: laciniis lanceolatis inæqualiter serratis. *Willden. sp. pl.* 3. *p.* 2367. *Jacqu. ic.* 1. *t.* 179. *cæruleum.*
Blue-flower'd Osteospermum.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June—September. G. H. ♄.

7. O. foliis lanceolatis sparsis decurrentibus glabris integerrimis, axillis lanatis. *Willden. sp. pl.* 3. *p.* 2371. *polygaloides.*
Chrysanthemum fruticosum, polygoni foliis, africanum, cauliculis scabris, flore minore. *Pluk. mant.* 47. *t.* 382.
Milk-wort-leaved Osteospermum.
Nat. of the Cape of Good Hope.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 5.
Fl. June—September. G. H. ♄.

OTHONNA. *Gen. pl.* 1342.

Recept. nudum. *Pappus* pilosus. *Cal.* 1-phyllus, multifidus.

1. O. foliis pinnatifidis: pinnis lanceolatis integerrimis decurrentibus. *Willden. sp. pl.* 3. *p.* 2373. *Botan. magaz.* 768. *pinnata.*
Wing-leaved Othonna, or African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. most part of the Spring. G. H. ♃.

2. O. foliis pectinato-pinnatifidis tomentosis: laciniis linearibus *pectinata.*

linearibus margine exteriore subdentatis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2374. *Curtis magaz.* 306.
Wormwood-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Jacobæa 4.
Fl. May and June. G. H. ♄.

Athanasiæ. 3. O. foliis pinnatis filiformibus, calyce hemisphærico multidentato. *Willden. sp. pl.* 3. *p.* 2374. *Jacqu. hort. schœnbr.* 2. *p.* 62. *t.* 242.
Athanasia-like African Rag-wort.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. November and December. G. H. ♄.

abrotanifolia. 4. O. foliis multifido-pinnatis linearibus, caulis geniculis villosis. *Willden. sp. pl.* 3. *p.* 2375.
Asteroplatycarpos africana frutescens, crithmi marini foliis. *Commel. hort.* 2. *p.* 63. *t.* 32.
Southernwood-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. 1692, in the Royal garden at Hampton-court. *Pluk. phyt.* 196. *f.* 2.
Fl. January—March. G. H. ♄.

coronopifolia. 5. O. foliis infimis lanceolatis integerrimis; superioribus sinuato-dentatis. *Willden. sp. pl.* 3. *p.* 2375.
Jacobæa africana frutescens, coronopi folio. *Commel. hort.* 2. *p.* 139. *t.* 70.
Buck's-horn-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Doria 7.
Fl. July—September. G. H. ♄.

cheirifolia. 6. O. foliis lanceolatis trinerviis integerrimis, caule suffruticoso repente. *Willden. sp. pl.* 3. *p.* 2376.
Othonna foliis cuneiformibus integerrimis sessilibus. *Mill. ic.* 2. *p.* 163. *t.* 245. *f.* 1.

Stock-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 2.
Fl. April—June. G. H. ♄.

7. O. foliis lanceolatis integerrimis subcarnosis, caule erecto. *Willden. sp. pl.* 3. *p.* 2376. *Mill. ic.* 2. *p.* 164. *t.* 245. *f.* 2. *crassifolia.*
Thick-leaved Othonna, or African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. before 1710. *Philosoph. transact. n.* 325. *p.* 46. *n.* 9.
Fl. September and October. G. H. ♄.

8. O. foliis oblongis denticulatis glabris basi attenuatis amplexicaulibus, floribus paniculatis. *Willden. sp. pl.* 3. *p.* 2376. *denticulata.*
Tooth-leaved African Rag-wort.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. April—July. G. H. ♄.

9. O. foliis integerrimis: radicalibus lanceolatis; caulinis lanceolatis subcordatis semiamplexicaulibus, caule herbaceo erecto. *Willden. sp. pl.* 3. *p.* 2377. *Lingua.*
Othonna Lingua. *Jacqu. hort. schœnbr.* 2. *p.* 60. *t.* 238.
Tongue-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Introd. 1787, by Mr. Francis Masson.
Fl. most part of the Year. G. H. ♃.

10. O. foliis integerrimis: radicalibus cordatis; caulinis ovato-lanceolatis basi cordatis amplexicaulibus, caule flaccido filiformi ramoso. *Willden. sp. pl.* 3. *p.* 2377. *filicaulis.*
Othonna filicaulis. *Jacqu. hort. schœnbr.* 2. *p.* 62. *t.* 241.
Yam-rooted African Rag-wort.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*

Introd. 1791.
Fl. April and May. G. H. ♃.

bulbosa. 11. O. foliis ovatis subdentatis, pedunculis unifloris longissimis. *Willden. sp. pl.* 3. *p.* 2377.
Jacobææ affinis planta tuberosa cap. b. spei. *Breyn. cent.* 138. *t.* 66.
Bulbous African Rag-wort.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. May and June. D. S. ♃.

perfoliata. 12. O. foliis cordatis amplexicaulibus, caulibus herbaceis, pedunculis unifloris. *Jacqu. hort. schœnbr.* 2. *p.* 61. *t.* 240.
Othonna amplexicaulis. *Sims in botan. magaz.* 1312. (exclus. synonym.)
Cineraria perfoliata. *Willden. sp. pl.* 3. *p.* 2072.
Perfoliate Othonna.
Nat. of the Cape of Good Hope.
Cult. before 1789, by Messrs. Lee and Kennedy. *Herb. Banks.*
Fl. May—July. G. H. ♃.

parviflora. 13. O. foliis lanceolatis glabris amplexicaulibus, floribus paniculatis. *Willden. sp. pl.* 3. *p.* 2378.
Jacobæa africana frutescens, folio longo et glauco. *Commel. hort.* 2. *p.* 143. *t.* 72.
Small-flower'd African Rag-wort.
Nat. of the Cape of Good Hope.
Introd. before 1704, by William Sherard, LL. D. *Raj. hist.* 3. *p.* 176. *n.* 35.
Fl. July and August. G. H. ♄.

tenuissima. 14. O. foliis filiformibus carnosis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2380. *Jacqu. hort. schœnbr.* 2. *p.* 61. *t.* 239.
Fine-leaved African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Crassula 8.
Fl. April—July. D. S. ♄.

15. O. foliis oblongis integerrimis, caule arborescente carnoso: cicatricibus lanatis. *Willden. sp. pl.* 3. *p.* 2381. *arborescens.*
Doria africana arborescens, floribus singularibus. *Dill. elth.* 123. *t.* 103. *f.* 123.
Tree African Rag-wort.
Nat. of the Cape of Good Hope.
Cult. about 1723, by James Sherard, M.D. *Dill. loc. cit.*
Fl. June and July. G. H. ♄.

16. O. carnosa nuda lævis-palmaris, foliis fasciculatis obovatis sessilibus, pedunculis unifloris. *Willden. sp. pl.* 3. *p.* 2382. *cacalioides.*
Tuberous African Rag-wort.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. May—November. G. H. ♃.

HIPPIA. *Gen. pl.* 1343.

Recept. nudum. *Pappus* nullus. *Sem.* latissimis marginibus, nuda. *Cal.* hemisphæricus, subimbricatus. *Corollulæ* radii 10, obsolete subtrifidæ.

1. H. fruticosa villosa, foliis pinnatifidis, floribus corymbosis. *Willden. sp. pl.* 3. *p.* 2382. *frutescens.*
Tanacetum africanum arborescens, foliis lavendulæ multifido folio. *Commel. hort.* 2. *p.* 201. *t.* 101.
Shrubby Hippia.
Nat. of the Cape of Good Hope.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 47. *n.* 1.
Fl. February—August. G. H. ♄.

2. H. hispida erecta, foliis ovatis serratis quinquenerviis, racemis terminalibus. *Willden. sp. pl.* 3. *p.* 2383. *integrifolia.*
Ethulia paniculata. *Houtt. nat. hist.* 10. *p.* 551. *t.* 67. *f.* 2.
Annual Hippia.

Nat. of the East Indies.
Introd. 1777, by Mons. Thouin.
Fl. July and August. S. ⊙.

PSIADIA. *Jacqu. hort. schœnbr.* 2. *p.* 13.

Recept. nudum. *Pappus* pilosus sessilis. *Cal.* imbricatus ovatus. *Cor.* radii abbreviatæ.

glutinosa. 1. Psiadia. *Willden. sp. pl.* 3. *p.* 2384. *Jacqu. hort. schœnbr.* 2. *p.* 13. *t.* 152.
Glutinous Psiadia.
Nat. of Mauritius.
Introd. 1796, by Baron Hake.
Fl. June—August. G. H. ♄.

ERIOCEPHALUS. (*Gen. pl.* 1344.) *Brown mss.*

Recept. paleaceum. *Pappus* nullus. *Cal.* duplex: interior 1-phyllus; exterior 5-phyllus.

frutescens. 1. E. foliis sericeis, floribus corymbosis.
Eriocephalus africanus. *Willden. sp. pl.* 3. *p.* 2384. *Botan. magaz.* 833.
Cluster-leaved Wool-head.
Nat. of the Cape of Good Hope.
Cult. before 1732, by James Sherard, M.D. *Dill. elth.* 132. *t.* 110. *f.* 134.
Fl. January—March. G. H. ♄.

racemosus. 2. E. foliis sericeis, floribus racemosis.
Eriocephalus racemosus. *Willden. sp. pl.* 3. *p.* 2385.
Silver-leaved Wool-head.
Nat. of the Cape of Good Hope.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Abrotanum 17.
Fl. March and April. G. H. ♄.

PARTHENIUM. *Gen. pl.* 1428.

Recept. paleaceum, planum. *Semina* obovata, subnuda. *Cal.* 5-phyllus.

Hysterophorus. 1. P. foliis bipinnatifidis. *Willden. sp. pl.* 3. *p.* 2385.

Argyrochæta bipinnatifida. *Cavanill. ic.* 4. *p.* 54. *t.* 378.
Cut-leaved Parthenium, or Bastard Feverfew.
Nat. of Jamaica.
Cult. 1728, by Mr. Ph. Miller. *R. S. n.* 338.
Fl. July and August. S. ⊙.

2. P. foliis indivisis oblongis dentatis. *Willden. sp. pl.* 3. *p.* 2385. *hort. berolin.* 4. *integrifolium.*
Entire-leaved Parthenium.
Nat. of Virginia.
Cult. about 1661, by Mr. Walker. *Pluk. phyt.* 53. *f.* 5.
Fl. June—October. H. ♃.

IVA. *Gen. pl.* 1429.

Recept. pilosum. *Sem.* nuda, obtusa. *Cal.* 3-phyllus. *Cor.* radii quinque. *Styli* 2, longi.

1. I. foliis lanceolato-ovatis, caule herbaceo, bracteis lanceolatis petiolisque pubescentibus. *Willden. sp. pl.* 3. *p.* 2386. *annua.*
Iva annua. *Schmidel ic.* 61. *t.* 16.
Annual Iva.
Nat. of South America.
Cult. before 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 1.
Fl. July and August. S. ⊙.

2. I. foliis lanceolatis punctato-scabris profunde serratis, caule fruticoso. *Willden. sp. pl.* 3. *p.* 2387. *frutescens.*
Agerato affinis peruviana frutescens. *Pluk. alm.* 12. *t.* 27. *f.* 1.
Bastard Jesuit's Bark Tree.
Nat. of North America.
Cult. 1711, by the Duchess of Beaufort. *Br. Mus. H. S.* 133. *fol.* 57.
Fl. August. H. ♄.

FILAGO. *Gen. pl.* 1345.

Recept. paleaceum. *Pappus* nullus. *Cal.* imbricatus.

catus. *Flosculi* feminei inter squamas calycis locati.

pygmæa. 1. F. floribus acaulibus sessilibus, foliis floralibus majoribus. *Willden. sp. pl.* 3. *p.* 2387. *Cavanill. ic.* 1. *p.* 23. *t.* 36.
Pygmy Filago. Cotton Rose.
Nat. of the South of Europe.
Cult. 1629. *Park. paradis.* 373. *f.* 10.
Fl. July and August. H. ☉.

MICROPUS. *Gen. pl.* 1346.

Recept. paleaceum. *Pappus* nullus. *Cal.* calyculatus. *Radius* corollæ nullus. *Flosculi* feminei à squamis calycinis involuti.

supinus. 1. M. foliis oppositis obovato-cuneatis. *Willden. sp. pl.* 3. *p.* 2388. *Schkuhr handb.* 3. *p.* 179. *t.* 267.
Trailing Micropus.
Nat. of Portugal, Italy, and the Levant.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 50. *n.* 29.
Fl. June—September. H. ☉.

erectus. 2. M. foliis alternis lanceolatis, floribus lanuginosis. *Willden. sp. pl.* 3. *p.* 2388.
Micropus erectus. *Loefl. hisp.* 166. *t.* 1. *f.* 3.
Upright Micropus.
Nat. of the South of Europe and the Levant.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 135. *n.* 5.
Fl. June—September. H. ☉.

POLYGA-

POLYGAMIA SEGREGATA.

ELEPHANTOPUS. *Gen. pl.* 1347.

Calyculus 4-florus. *Corollulæ* lingulatæ, hermaphroditæ. *Recept.* nudum. *Pappus* setaceus.

1. E. foliis scabris: radicalibus basi angustatis; caulinis lanceolatis, caule ramoso strigoso. *Willden. sp. pl.* 3. *p.* 2389. *scaber.*
Anaschovadi. *Rheed. mal.* 10. *p.* 13. *t.* 7.
Rough-leaved Elephant's-foot.
Nat. of the East Indies.
Cult. 1695, in Chelsea garden. *Pluk. alm.* 132. *t.* 388. *f.* 6.
Fl. June—September. S. ♃.

2. E. foliis radicalibus caulinisque oblongis basi angustatis subpilosis, caule simplici piloso. *Willden. sp. pl.* 3. *p.* 2390. *carolinianus.*
Elephantopus conyzæ folio. *Dill. elth.* 126. *t.* 106. *f.* 126.
Carolina Elephant's-foot.
Nat. of North America and Jamaica.
Cult. 1732, by James Sherard, M.D. *Dill. loc. cit.*
Fl. July—September. G. H. ♃.

3. E. foliis ovatis tomentosis. *Willden. sp. pl.* 3. *p.* 2390. *tomentosus.*
Woolly-leaved Elephant's-foot.
Nat. of the West Indies.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 6. *n.* 3.
Fl. July and August. G. H. ♃.

ŒDERA. *Gen. pl.* 1349.

Calyc. multiflori. *Corollulæ* tubulosæ, hermaphroditæ, et una alterave feminea ligulata. *Rec.* paleaceum. *Pappus* paleis pluribus.

1. Œ. fo-

prolifera. 1. Œ. foliis lanceolatis serratis reflexis. *Willden. sp. pl.* 3. *p.* 2392. *Gærtn. sem.* 2. *p.* 461. *t.* 172.
Proliferous Œdera.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. May and June. G. H. ♄.

SPHÆRANTHUS. *Gen. pl.* 1352.

Calyc. 8-flori. *Cor.* tubulosæ, hermaphroditæ et obsolete femineæ. *Recept.* squamosum. *Pappus* nullus.

indicus. 1. S. foliis lanceolatis serratis decurrentibus glabris, pedunculis alatis, alis caulis et pedunculorum serratis. *Willden. sp. pl.* 3. *p.* 2394.
Sphæranthos purpurea alata serrata. *Burm. zeyl.* 220. *t.* 94. *f.* 3.
Indian Sphæranthus.
Nat. of the East Indies.
Cult. 1699, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 525. & 3349.
Fl. August—December. S. ♃.

africanus. 2. S. foliis decurrentibus ovatis serratis, pedunculis teretibus. *Willden. sp. pl.* 3. *p.* 2395.
Scabiosa minor, alato caule, maderaspatensis. *Pluk. alm.* 335. *t.* 108. *f.* 7.
African Sphæranthus.
Nat. of the Cape of Good Hope and Madras.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. July and August. G. H. ⊙.

CASSINIA. *Brown mss.*

Calyces 2-flori, 4-phylli. *Corollulæ* hermaphroditæ. *Pappus* paleaceus, penicillatus. *Recept. partiale* nudum.

1. CASSINIA. *Brown mss.* *aurea.*
Yellow Cassinia.
Nat. of the South coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. July and August. G. H. ♃.

ECHINOPS. *Gen. pl.* 1353.

Calyc. 1-florus. *Coroll.* tubulosæ, hermaphroditæ. *Recept.* setosum. *Pappus* obsoletus.

1. E. foliis pinnatifidis superne pubescentibus subtus incano-lanuginosis, caule ramoso. *Willden. sp. pl.* 3. *p.* 2396. *J. Miller illustr.* *sphærocephalus.*
Great Globe-thistle.
Nat. of Austria and Italy.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July and August. H. ♃.

2. E. capitulis inspersis spinis longis. *Willden. sp. pl.* 3. *p.* 2397. *spinosus.*
Carduus sphærocephalus acutus. *Dod. pempt.* 722.
Thorny-headed Globe-thistle.
Nat. of Egypt and Barbary.
Cult. 1597. *Ger. herb.* 990. *n.* 1.
Fl. July and August. H. ♃.

3. E. capitulo globoso, foliis pinnatifidis supra glabris. *Willden. sp. pl.* 3. *p.* 2397. *Botan. magaz.* 932. *Ritro.*
Small Globe-thistle.
Nat. of Siberia, France, and Italy.
Cult. 1570. *Lobel. adv.* 369.
Fl. July—September. H. ♃.

4. E. capitulis fasciculatis, calycibus lateralibus sterilibus, foliis supra strigosis. *Willden. sp. pl.* 3. *p.* 2398. *strigosus.*
Scabiosa carduifolia annua. *Herm. paradis.* 224. *cum tab.*
Annual Globe-thistle.

Nat. of Spain.
Cult. 1729, by Mr. Ph. Miller. *R. S. n.* 365.
Fl. July and August. H. ☉.

lanuginosus. 5. E. caule frutescente ramoso lanuginoso, foliis subbipinnatis: laciniis angustis supra glabris, capitulo sessili. *Willden. sp. pl.* 3. *p.* 2398.
Echinops græcus. *Mill. dict.*
Woolly Grecian Globe-thistle.
Nat. of the Levant.
Cult. 1736, by Mr. Ph. Miller. *R. S. n.* 720.
Fl. June and July. H. ♃.

BROTERA.

Cal. 1-florus, polyphyllus. *Cal.* communis 6- s. 8-florus, imbricatus, polyphyllus. *Cor.* tubulosæ, uniformes. *Recept.* nudum. *Sem.* calyculo adnato tecta.

corymbosa. 1. Brotera. *Willden. sp. pl.* 3. *p.* 2399.
Chamæleon niger. *Dod. pempt.* 727.
Umbel'd Brotera.
Nat. of the South of Europe.
Cult. 1640. *Park. theatr.* 970. *f.* 7.
Fl. June and July. H. ♃.

ROLANDRA. *Gen. pl.* 1355.

Flosculi fasciculati in capitulum squamis interjectis. *Calycul.* 2-valvis, 1-florus. *Cor.* hermaphroditæ. *Pappus* nullus.

argentea. 1. Rolandra. *Willden. sp. pl.* 3. *p.* 2400.
Amaranthoides fruticosum, foliis longis angustis, subtus niveis. *Sloan. jam.* 1. *p.* 43. *t.* 7. *f.* 3.
Silver-leaved Rolandra.
Nat. of the West Indies.
Cult. before 1714, in Chelsea garden. *Philosoph. transact. n.* 346. *p.* 355. *n.* 102.
Fl. July. S. ♄.

GUN-

GUNDELIA. *Gen pl.* 1356.

Calyc. 0. foveæ receptaculi 5-floræ. *Corollulæ* tubulosæ, masculæ et hermaphroditæ. *Recept.* paleaceum. *Pappus* nullus.

1. Gundelia. *Willden. sp. pl.* 3. *p.* 2402. *Mill. ic.* 2. *p.* 191. *t.* 287. *Tournefortii.*
Tournefort's Gundelia.
Nat. of the Levant.
Cult. before 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 1. & 2.
Fl. June—August. H. ♃.

STŒBE. *Gen. pl.* 1357.

Cal. 1-florus. *Coroll.* tubulosæ, hermaphroditæ. *Recept.* nudum. *Pappus* plumosus.

1. S. foliis mucronatis subulatis reflexis, caule erecto. *Willden. sp. pl.* 3. *p.* 2403. *æthiopica.*
Juniper-leaved Stœbe.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7.
Fl. August. G. H. ♄.

2. S. foliis lineari-subulatis obliquis, spica cylindrica. *Willden. sp. pl.* 3. *p.* 2406. *cinerea.*
Tamariscus æthiopicus, coridis folio glabro, herbæ impiæ capitulis in spicam sessilibus. *Pluk. mant.* 178. *t.* 297. *f.* 1.
Heath-leaved Stœbe.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July—September. G. H. ♄.

Classis XX.

GYNANDRIA.

MONANDRIA.

I. *Anthera* adnata subterminalis persistens. *Pollinis massæ* e lobulis angulatis elastice cohærentibus; basi affixæ.

ORCHIS. *Brown prodr.* 312.

Cor. ringens. *Labellum* basi subtus calcaratum. *Glandulæ* (1—2) pedicellorum pollinis inclusæ cucullo unico.

Morio. 1. O. labello trilobo: lobis crenatis obtusis: medio emarginato, petalis adscendentibus obtusis, cornu conico adscendente germine breviore. *Willden. sp. pl.* 4. *p.* 18. *Curtis lond. Engl. bot.* 2059.
Meadow Orchis.
Nat. of Britain.
Fl. May and June. H. ♃.

mascula. 2. O. labello trilobo crenulato obtuso: lobo medio bifido, petalis acutis: exterioribus reflexis, cornu conico adscendente germinis longitudine. *Willden. sp. pl.* 4. *p.* 18. *Engl. bot.* 631.
Early purple Orchis.
Nat. of Britain.
Fl. April and May. H. ♃.

3. O. la-

3. O. labello tripartito: laciniis linearibus punctato-scabris: media bipartita, petalis erectis acutis, cornu uncinato germine triplo breviore, bracteis germen subæquantibus. *Willden. sp. pl.* 4. *p.* 20. *Engl. bot.* 18. *ustulata.*
Dwarf Orchis.
Nat. of England.
Fl. May and June. H. ♃.

4. O. labello tripartito punctato-scabro: laciniis lateralibus oblongis; intermedia ampla biloba crenata cum mucrone interjecto, petalis acutis conniventibus, cornu rectiusculo germine triplo breviore, bracteis germine quadruplo brevioribus. *Willden. sp. pl.* 4. *p.* 23. *Curtis lond.* *fusca.*
Orchis militaris. *Engl. bot.* 16.
Brown Orchis.
Nat. of England.
Fl. May and June. H. ♃.

5. O. labello tripartito punctato-scabro: laciniis lateralibus linearibus; intermedia biloba obtusa cum mucrone interjecto, petalis acutis conniventibus, cornu recto germine duplo breviore, bracteis obsoletis. *Willden. sp. pl.* 4. *p.* 22. *Engl. bot.* 1873. *militaris.*
Military Orchis.
Nat. of England.
Fl. May and June. H. ♃.

6. O. labello tripartito: lacinia media emarginata, petalis apice mucronatis, cornu germine duplo breviore, spica dense ovata, foliis lanceolatis. *Willden. sp. pl.* 4. *p.* 14. *Jacqu. austr.* 3. *p.* 36. *t.* 265. *globosa.*
Round spiked Orchis.
Nat. of Austria and Switzerland.
Cult. before 1792, by William Pitcairn, M. D.
Fl. June and July. H. ♃.

7. O. labello tripartito: superne basi bicorni; laciniis æqualibus integerrimis, cornu germen subæquante, *pyramidalis.*

æquante, spica densa oblonga. *Willden. sp. pl.* 4. *p.* 14. *Engl. bot.* 110.
Pyramidal Orchis.
Nat. of Britain.
Fl. June and July. H. ♃.

hircina. 8. O. labello tripartito: laciniis lateralibus lineari-subulatis; media elongata germine triplo longiore lineari bifida, petalis conniventibus, cornu brevissimo conico didymo. *Willden. sp. pl.* 4. *p.* 28.
Satyrium hircinum. *Engl. bot.* 34.
Lizard Orchis.
Nat. of England.
Fl. June and July. H. ♃.

latifolia. 9. O. labello leviter trilobo lateribus reflexo, petalis superioribus conniventibus; binis lateralibus reflexis, cornu conico germine breviore, bracteis flore longioribus. *Willden. sp. pl.* 4. *p.* 28. *Curtis lond. Engl. bot.* 2308.
Marsh Orchis.
Nat. of Britain.
Fl. May and June. H. ♃.

maculata. 10. O. labello plano trilobo crenato, petalis superioribus conniventibus; lateralibus patentibus, cornu cylindraceo germine breviore, bracteis longitudine germinis. *Willden. sp. pl.* 4. *p.* 31. *Engl. bot.* 632.
Spotted palmate Orchis.
Nat. of Britain.
Fl. June and July. H. ♃.

spectabilis. 11. O. labello obovato indiviso crenato retuso, petalis rectis: lateralibus longioribus, cornu clavato germine breviore, bracteis flore longioribus, caule aphyllo. *Willden. sp. pl.* 4. *p.* 36.
Showy American Orchis.
Nat. of North America.
Introd. 1801, by Mr. Francis Masson.
Fl. June and July. H. ♃.

12. O. la-

2. O. labello obovato indiviso dentato emarginato, petalis nervosis conniventibus, cornu subulato germine breviore, bracteis membranaceis coloratis germine longioribus. *Willden. sp. pl.* 4. *p.* 24. *papilionacea.*
Papilionaceous Orchis.
Nat. of Spain and Naples.
Introd. 1788, by John Sibthorp, M. D. *Salisb. in Hort. soc. transact.* 1. *p.* 289.
Fl. June and July. * H. ♃.

GYMNADENIA. *Brown mss.*

Cor. ringens. *Labellum* basi subtus calcaratum. *Glandulæ* pedicellorum pollinis nudæ approximatæ.

1. **Gymnadenia.** *Brown mss.* *conopsea.*
Orchis conopsea. *Willden. sp. pl.* 4. *p.* 32. *Engl. bot.* 10.
Fragrant Gymnadenia.
Nat. of Britain.
Fl. June and July. H. ♃.

ACERAS. *Brown mss.*

Cor. ringens. *Labellum* ecalcaratum. *Glandulæ* pedicellorum pollinis cucullo communi inclusæ.

1. A. labello germine longiore. *Brown mss.*
Ophrys anthropophora. *Willden. sp. pl.* 4. *p.* 63. *Curtis lond. Engl. bot.* 29.
Greenman Aceras.
Nat. of England.
Fl. June. H. ♃.

HERMINIUM. *Brown mss.*

Cor. subpatens. *Labellum* ecalcaratum. *Glandulæ* massarum pollinis nudæ distinctæ.

1. H. foliis radicalibus lanceolatis binis. *Brown mss.* *Monorchis.*
Ophrys Monorchis. *Willden. sp. pl.* 4. *p.* 61. *Engl. bot.* 71.

Musk Herminium.
Nat. of England.
Fl. June and July. H. ♃.

HABENARIA. *Brown prodr.* 312.

Cor. ringens. *Labellum* basi subtus calcaratum. *Glandulæ pollinis* nudæ distinctæ (loculis pedicellorum adnatis v. solutis distinctis).

nigra. 1. H. cornu abbreviato didymo, labello ovato acuminato, spica densa ovata, foliis linearibus. *Brown mss.*
Orchis nigra. *Willden. sp. pl.* 4. *p.* 35.
Satyrium nigrum. *Fl. dan.* 998.
Dark-flower'd Habenaria.
Nat. of the Alps of Switzerland, Austria, and Lapland.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Satyrium 1.
Fl. June and July. H. ♃.

viridis. 2. H. cornu abbreviato didymo, labello lineari tridentato: lateralibus acutis; medio brevissimo; bracteis flore sesquilongioribus. *Brown mss.*
Orchis viridis. *Willden. sp. pl.* 4. *p.* 33.
Satyrium viride. *Engl. bot.* 94.
Frog Habenaria.
Nat. of Britain.
Fl. June and July. H. ♃.

bracteata. 3. H. cornu abbreviato didymo, labello lineari retuso-tridentato: lateralibus obtusis; medio obsoleto, bracteis flore duplo longioribus. *Brown mss.*
Orchis bracteata. *Willden. sp. pl.* 4. *p.* 34.
Orchis bractealis. *Salisb. paradis.* 110.
Long-bracted Habenaria.
Nat. of North America.
Introd. 1805, by Messrs. Napier and Chandler.
Fl. May and June. H. ♃.

4. H. cornu

4. H. cornu obtuso germine triplo breviore, labello tripartito: laciniis acutis: media majore. *Brown mss.* *albida.*
Orchis albida. *Willden. sp. pl.* 4. *p.* 38.
Satyrium albidum. *Engl. bot.* 505.
Small white Habenaria.
Nat. of Britain.
Fl. June and July. H. ♃.

5. H. cornu cylindrico germine breviore, labello integerrimo lineari-oblongo. *Brown mss.* *hyperborea.*
Orchis hyperborea. *Willden. sp. pl.* 4. *p.* 37.
Northern Habenaria.
Nat. of Iceland and Labrador.
Introd. 1805, by the Right Hon. Charles Greville.
Fl. June and July. H. ♃.

6. H. cornu filiformi germine duplo longiore, labello lineari integerrimo, foliis radicalibus binis oblongis basi attenuatis. *Brown mss.* *bifolia.*
Orchis bifolia. *Willden. sp. pl.* 4. *p.* 10. *Curtis lond. Engl. bot.* 22.
Butterfly Habenaria.
Nat. of Britain.
Fl. May and June. H. ♃.

7. H. cornu filiformi germine breviore, labello oblongo obtuso basi utrinque dentato; palato unidentato, bracteis flore longioribus. *Brown mss.* *herbiola.*
Nat. of North America.
Cult. before 1789, by John Fothergill, M. D. *Herb. Banks.*
Fl. June and July. H. ♃.

8. H. cornu filiformi germine longiore, labello tripartito laciniis cuneiformibus fimbriatis. *Brown mss.* *fimbriata.*
Orchis fimbriata. *Willden. sp. pl.* 4. *p.* 39.
Purple fringed Habenaria.
Nat. of Canada and Newfoundland.
Introd. 1777, by William Pitcairn, M. D.
Fl. July. H. ♃.

cristata. 9. H. cornu filiformi germine breviore, labello lanceolato pinnatim-fimbriato, petalis interioribus dentato-incisis. *Brown mss.*
Orchis cristata. *Willden. sp. pl.* 4. *p.* 9.
Yellow crested Habenaria.
Nat. of North America.
Introd. 1806, by Mr. John Fraser.
Fl. September. H. ♃.

ciliaris. 10. H. cornu filiformi germine longiore, labello lanceolato pinnatim-fimbriato, petalis interioribus fimbriato-incisis. *Brown mss.*
Orchis ciliaris. *Willden. sp. pl.* 4. *p.* 8. *Andrews's reposit.* 42.
Yellow fringed Orchis.
Nat. of North America.
Cult. before 1796, by R. A. Salisbury, Esq. *Salisb. prodr.* 6.
Fl. June and July. H. ♃.

BARTHOLINA. *Brown mss.*

Cor. ringens: petalis interioribus inferne labello connatis. *Labellum* basi subtus calcaratum. *Pedicelli pollinis* elongati: loculis adnatis; glandulis distinctis lobulo exteriore semitectis.

pectinata. 1. BARTHOLINA. *Brown mss.*
Orchis pectinata. *Willden. sp. pl.* 4. *p.* 11.
Orchis burmanniana. *Swartz in Web. et Moh archiv.* 1. *p.* 55. *t.* 3.
Pectinated Bartholina.
Nat. of the Cape of Good Hope.
Introd. 1787, by Mr. Francis Masson.
Fl. October. G. H. ♃.

SERAPIAS. (*Swartz in act. stockholm.* 1800, *p.* 223.) *Brown mss.*

Cor. ringens. *Labellum* ecalcaratum. *Column* cuspidata. *Pedicelli pollinis* inserti glandul unica cucullo inclusa.

1. S. l

1. S. labello tripartito: laciniis lateralibus obtusis erectis conniventibus; media oblonga lanceolata acutiuscula glabriuscula dependente. *Willden. sp. pl.* 4. *p.* 70. *Lingua.*
Orchis montana italica, flore ferrugineo, lingua oblonga. *Moris. hist.* 3. *p.* 495. *s.* 12. *t.* 14. *f.* 21.
Tongue-lip'd Serapias.
Nat. of the South of Europe.
Introd. 1786, by Sir Francis Drake, Bart.
Fl. May and June. G. H. ♃.

2. S. labello tripartito: laciniis lateralibus obtusis erectis conniventibus; media ovata acuminata disco pilosa dependente. *Willden. sp. pl.* 4. *p.* 71. *Andrews's reposit.* 475. *cordigera.*
Heart-lip'd Serapias.
Nat. of Spain, Italy, and the Levant.
Introd. 1806, by the Marquis of Blandford.
Fl. July and August. G. H. ♃.

OPHRYS. *Brown prodr.* 313.

Cor. subpatens. *Labellum* ecalcaratum. *Glandulæ pollinis* cucullis distinctis inclusæ.

1. O. labello trifido: lobo medio majore semitrifido: lacinia media longiore subulata deflexa. *Brown mss.* *apifera.*
Ophrys apifera. *Willden. sp. pl.* 4. *p.* 66. *Curtis lond.* *Engl. bot.* 383.
Bee Ophrys.
Nat. of England.
Fl. June and July. H. ♃.

2. O. labello trilobo: lateralibus abbreviatis obtusis; medio retuso. *Brown mss.* *aranifera.*
Ophrys aranifera. *Willden. sp. pl.* 4. *p.* 66. *Engl. bot.* 65.
Spider Ophrys.
Nat. of England.
Fl. April and May. H. ♃.

muscifera. 3. O. labello trifido: lobo medio majore bilobo, anthera obtusa. *Brown mss.*
Ophrys muscifera. *Smith fl. brit.* 3. *p.* 937. *Engl. bot.* 64.
Ophrys myodes. *Willden. sp. pl.* 4. *p.* 64. *Andrews's reposit.* 471.
Fly Ophrys.
Nat. of England.
Fl. May and June. H. ♃.

SATYRIUM. (*Swartz in act. stockholm.* 1800, *p.* 214.) *Brown mss.*

Cor. ringens; petala 5 antica basi connata. *Labellum* posticum, fornicatum, basi bicalcaratum v. bisaccatum. *Anthera* resupinata. *Stigma* bilabiatum.

cucullatum. 1. S. foliis radicalibus binis cordato-subrotundis concavis; caulinis remotis cucullatis subretusis, floribus cernuis. *Willden. sp. pl.* 4. *p.* 54.
Orchis bicornis. *Andrews's reposit.* 315.
Cucullate Satyrium.
Nat. of the Cape of Good Hope.
Introd. 1787, by Mr. Francis Masson.
Fl. June—September. G. H. ♃.

carneum. 2. S. foliis radicalibus binis cordato-subrotundis; caulinis vaginæformibus approximatis, spica compacta, petalis extus carinatis.
Orchis carnea. *Edit. prior.*
Great-flower'd Satyrium.
Nat. of the Cape of Good Hope. Mr. Francis Masson.
Introd. 1787.
Fl. July—September. G. H. ♃.

DISA. *Swartz in act. stockholm.* 1800, *p.* 208.

Cor. ringens: galea basi unicalcarata v. saccata; petala interiora columnæ accreta. *Labellum* ecalcaratum.

1. D. galea obtusa; calcare conico deflexo, petalis interioribus bidentatis, labello obovato velutino plano, spica laxa. *Willden. sp. pl.* 4. *p.* 45. *cornuta.*
Horn'd Disa.
Nat. of the Cape of Good Hope.
Introd. 1805, by George Hibbert, Esq.
Fl. June and July. G. H. ♃.

2. D. galea erecta acuta, labello petiolato apice dilatato trifido, caule paucifloro, foliis linearibus. *Willden. sp. pl.* 4. *p.* 52. *spathulata.*
Spatulate Disa.
Nat. of the Cape of Good Hope.
Introd. 1805, by George Hibbert, Esq.
Fl. June and July. G. H. ♃.

PTERYGODIUM. (*Swartz in act. stockholm.* 1800, *p.* 217.) *Brown mss.*

Cor. subringens: petala exteriora antica horizontalia concava. *Labellum* columnæ adnatum, bilabiatum. *Antheræ:* loculis distantibus. *Stigma* adnatum.

1. P. caule triphyllo, labello triangulari sagittato. *Willden. sp. pl.* 4. *p.* 57. *volucris.*
Arrow-lip'd Pterygodium.
Nat. of the Cape of Good Hope.
Introd. 1797, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. G. H. ♃.

II. *Anthera* stigmati parallela persistens. *Massæ pollinis* v. farinaceæ v. e corpusculis angulatis; apicibus stigmati affixæ.

GOODYERA. *Brown mss.*

Cor. ringens: petalis exterioribus anticis labello inferne gibboso superne indiviso suppositis. *Columna* libera. *Pollen* angulatum.

1. G. fo-

repens. 1. G. foliis radicalibus ovatis, labello petalisque lanceolatis. *Brown mss.*
Neottia repens. *Willden. sp. pl.* 4. *p.* 75.
Satyrium repens. *Engl. bot.* 289.
Creeping Goodyera.
Nat. of Scotland.
Fl. July and August. H. ♃.

pubescens. 1. G. foliis radicalibus ovatis, labello ovato acuminato, petalis ovatis. *Brown mss.*
Neottia pubescens. *Willden. sp. pl.* 4. *p.* 76.
Downy Goodyera.
Nat. of North America.
Introd. 1802, by H. R. H. The Duke of Kent.
Fl. July. H. ♃.

NEOTTIA. (*Swartz in act. stockholm.* 1800, *p.* 224.) *Brown prodr.* 319.

Cor. ringens: petalis exterioribus anticis labello imberbi suppositis; interioribus conniventibus. *Columna* aptera. *Pollen* farinaceum.

speciosa. 1. N. labello lanceolato indiviso, scapo bracteato, bracteis flore longioribus, foliis oblongis margine apicem versus undulatis. *Willden. sp. pl.* 4. *p.* 72. *Andrews's reposit.* 3. *Botan. magaz.* 1374.
Showy Neottia.
Nat. of the West Indies.
Introd. about 1790, by Sir Brooke Boothby, Bart.
Fl. May and June. S. ♃.

orchioides. 2. N. foliis radicalibus lato-lanceolatis, spica erecta labello basi cum petalis saccato; lamina acuminata. *Willden. sp. pl.* 4. *p.* 75. *Botan. magaz.* 1036.
Frosted-flower'd Neottia.
Nat. of Jamaica.
Introd. about 1806, by E. I. A. Woodford, Esq.
Fl. May. S. ♃.

3. N. fo-

3. N. foliis radicalibus oblongo-lanceolatis, scapo bracteato, petalis anticis decurrentibus labello semiinfero ecalcarato suppositis. *picta.*
Neottia acaulis. *Smith exot. bot.* 2. *p.* 91. *t.* 105. (varietas exscapa.)
Lemon-scented Neottia.
Nat. of Trinidad. Mr. *Alexander Anderson.*
Cult. about 1805, by Thomas Evans, Esq.
Fl. April—June. S. ♃.

4. N. labello obovato emarginato, scapo vaginato, bracteis flore brevioribus, foliis ovatis petiolatis margine planis. *Willden. sp. pl.* 4. *p.* 72. *Redouté liliac.* 164. *elata.*
Neottia minor. *Andrews's reposit.* 376.
Tall Neottia.
Nat. of Guiana and the West Indies.
Introd. 1790, by Mr. John Fairbairn.
Fl. most part of the Summer. S. ♃.

5. N. foliis lanceolatis trinerviis, caule vaginato, floribus recurvato-cernuis, labello oblongo integerrimo acuto. *Willden. sp. pl.* 4. *p.* 75. *cernua.*
Nodding-flowered Neottia.
Nat. of North America.
Introd. 1796, by William Hamilton, Esq.
Fl. July. H. ♃.

6. N. foliis radicalibus oblongis subpetiolatis, spica tortili floribus secundis, labio ovato. *Willden. sp. pl* 4. *p.* 73. *spiralis.*
Ophrys spiralis. *Curtis lond. Engl. bot.* 541.
Spiral Neottia. Ladies Traces.
Nat. of Britain.
Fl. August and September. H. ♃.

PONTHIEVA. *Brown mss.*

Cor. irregularis. *Labellum* posticum, cum petalis interioribus columnæ insertum. *Pollen* farinaceum.

1. P. la-

glandulosa. 1. P. labello unguiculato acuminato, petalis interioribus dimidiato-ovatis.
Neottia glandulosa. *Sims in botan. magaz.* 842.
Glandular Ponthieva.
Nat. of the West Indies. Mr. *Alexander Anderson.*
Introd. 1800, by E. I. A. Woodford, Esq.
Fl. January—March. S. ♃.

DIURIS. (*Smith in linn. soc. transact.* 4. *p.* 222.) *Brown prodr.* 315.

Cor. irregularis: petala 2 exteriora antica linearia *labello* trifido supposita; interiora unguiculata patula. *Columna:* lobis lateralibus petaloideis. *Pollen* farinaceum.

aurea. 1. D. labelli lacinia intermedia basi intus bicarinata lateralibus duplo longiore, petalis integerrimis: interioribus ellipticis acutis, foliis linearibus canaliculatis scapo brevioribus. *Brown prodr.* 315.
Diuris aurea. *Smith exot. bot.* 1. *p.* 15. *t.* 9.
Golden-flower'd Diuris.
Nat. of New South Wales.
Introd. 1810, by Mr. George Caley.
Fl. G. H. ♃.

THELYMITRA. *Brown prodr.* 314.

Cor. regularis. *Labellum* sessile petalis subconforme. *Columna* cucullata: lobis lateralibus, penicillatis nudisve. *Pollen* farinaceum.

ixioides. 1. T. corolla patenti, cuculli laciniis lateralibus penicillatis; intermedia trifida: lobulis lateralibus apice erosis medio breviore bifido dorso cristato. *Brown prodr.* 314.
Thelymitra ixioides. *Willden. sp. pl.* 4. *p.* 79.
Smith

Smith exot. bot. 1. *p.* 55. *t.* 29. (absque maculis saturatioribus corollæ.)
Spotted blue Thelymitra.
Nat. of New South Wales.
Introd. 1810, by Mr. George Caley.
Fl. G. H. ♃.

LISTERA. *Brown mss.*

Cor. irregularis. *Labellum* bilobum. *Columna* aptera. *Anthera* basi inserta. *Pollen* farinaceum.

1. L. caule bifolio, foliis ovatis oppositis, columna postice cucullo anthera incumbente aucta. *ovata.*
Ophrys ovata. *Curtis lond. Engl. bot.* 1548.
Epipactis ovata. *Willden. sp. pl.* 4. *p.* 87.
Ovate Listera. Common Twayblade.
Nat. of Britain.
Fl. May and June. H. ♃.

2. L. caule bifolio, foliis cordatis oppositis, labello inferne bidentato; lobis apicis lineari-subulatis. *Brown mss.* *cordata.*
Ophrys cordata. *Engl. bot.* 358.
Epipactis cordata. *Willden. sp. pl.* 4. *p.* 88.
Heart-leaved Listera.
Nat. of Britain.
Fl. June and July. H. ♃.

III. *Anthera* terminalis, inserta, persistens. *Massæ pollinis* v. pulvereæ v. e corpusculis angulatis: basi v. infra apicem affixæ.

EPIPACTIS. *Brown mss.* Epipactidis species. *Swartz in act. stockholm.* 1800, *p.* 231.

Labellum inferne ventricosum; superne v. indivisum; v. 3-lobum lobo medio majore articulatim connexo. *Pollen* farinaceum.

1. E. foliis ovatis amplexicaulibus; bracteis inferioribus *latifolia.*

oribus flore longioribus, floribus pendulis, labello integerrimo acuminato petalis breviore, germinibus pubescentibus. *Willden. sp. pl.* 4. *p.* 83.
Serapias latifolia. *Engl. bot.* 269. *Select specim.* 3.
Broad-leaved Epipactis.
Nat. of Britain.
Fl. July and August. H. ♃.

palustris. 2. E. foliis lanceolatis amplexicaulibus, bracteis flore brevioribus, floribus pendulis, labello crenato obtuso petalis æquali, germinibus pubescentibus. *Willden. sp. pl.* 4. *p.* 84.
Serapias palustris. *Engl. bot.* 270.
Marsh Epipactis.
Nat. of Britain.
Fl. July and August. H. ♃.

pallens. 3. E. foliis oblongo-lanceolatis sessilibus, bracteis flore longioribus, floribus erectis, labello obtuso petalis breviore, germinibus glabris. *Willden. sp. pl.* 4. *p.* 85.
Serapias grandiflora. *Engl. bot.* 271.
White Epipactis.
Nat. of Britain.
Fl. June. H. ♃.

ensifolia. 4. E. foliis lanceolatis acuminatis subdistichis, bracteis minutissimis subulatis, floribus erectis, labello obtuso petalis duplo breviore, germinibus glabris. *Willden. sp. pl.* 4. *p.* 85.
Serapias ensifolia. *Engl. bot.* 494.
Narrow-leaved Epipactis.
Nat. of Britain.
Fl. June. H. ♃.

rubra. 5. E. foliis lanceolatis, bracteis germine longioribus, floribus erectis, labello acuto lineis elevatis undulatis, germinibus glabris. *Willden. sp. pl.* 4. *p.* 86.
Serapias rubra. *Engl. bot.* 437.

Purple Epipactis.
Nat. of Britain.
Fl. June and July. H. ♃.

POGONIA. *Brown mss.* Pogoniæ species. *Juss. gen.* 65.

Labellum sessile, cucullatum, intus cristatum. *Petala* 5 distincta eglandulosa. *Pollen* farinaceum.

1. P. radice subpalmata, scapi folio bracteaque lineari-oblongis, petalis exterioribus lanceolato-linearibus. *divaricata.*
Arethusa divaricata. *Willden. sp. pl.* 4. *p.* 31. *Lamarck illustr. t.* 729. *f.* 3.
Lily-leaved Pogonia.
Nat. of North America.
Introd. 1787, by Mr. John Fraser.
Fl. June and July. H. ♃.

CALADENIA. *Brown prodr.* 323.

Labellum subunguiculatum, disco glandulis seriatis. *Petala* extus glandulosa: posticum planiusculum; quatuor antica plana labello supposita. *Pollen* farinaceum.

1. C. petalis acutiusculis, columna labelloque exvittatis, glandulis labelli biseriatis superioribus arcuatis capitulo concolori; lobo medio longitudinaliter fimbriato disco eglanduloso. *Brown prodr.* 323. *alba.*
White Caladenia.
Nat. of New South Wales. *Robert Brown, Esq.*
Introd. 1810, by Mr. George Caley.
Fl. July and August. G. H. ♃.

GLOSSODIA. *Brown prodr.* 325.

Appendix inter labellum eglandulosum et columnam. *Petala* 5 patula æqualia. *Pollen* farinaceum.

major. 1. G. appendice semibifida: lobis patentibus acutis. *Brown prodr.* 326.
Larger Glossodia.
Nat. of New South Wales. *Robert Brown, Esq.*
Introd. 1810, by Mr. George Caley.
Fl. G. H. ♃.

PTEROSTYLIS. *Brown prodr.* 326.

Labellum unguiculatum: lamina basi appendiculata v. gibbosa. *Cor.* ringens petalis anticis inferne connatis et ungui labelli accretis. *Columna* superne alata. *Pollen* farinaceum.

obtusa. 1. P. caule folioso unifloro labelli lamina obtusa apice haud angustata, appendice penicillata. *Brown prodr.* 327.
Blunt-lip'd Pterostylis.
Nat. of New South Wales. *Robert Brown, Esq.*
Introd. 1810, by Mr. George Caley.
Fl. July and August. G. H. ♃.

CALEYA. (Caleana.) *Brown prodr.* 329.

Labellum unguiculatum posticum: lamina peltata cava, foramine exteriore. *Pollen* farinaceum.

major. 1. C. folio lanceolato-lineari plano, scapo medio unibracteato, lamina labelli lævi: utraque extremitate angustata semiovata. *Brown prodr.* 329.
Smooth-lip'd Caleya.
Nat. of New South Wales. *Robert Brown, Esq.*
Introd. 1810, by Mr. George Caley.
Fl. G. H. ♃.

CALOPOGON. *Brown mss.*

Labellum posticum, unguiculatum: lamina barbata. *Petala* 5 distincta. *Columna* libera. *Pollen* angulatum.

pulchellus. 1. CALOPOGON. *Brown mss.*

Cymbidium pulchellum. *Willden. sp. pl.* 4. *p.* 105.
Limodorum tuberosum. *Curtis magaz.* 116.
Tuberous-rooted Calopogon.
Nat. of North America.
Cult. before 1771, by Mr. William Malcolm.
Fl. July and August. H. ♃.

ARETHUSA. *Brown mss.* Arethusæ species. *Swartz in act. stockholm.* 1800, *p.* 230.

Labellum inferne cum columna connatum; superne cucullatum; intus cristatum. *Petala* 5 basi connata. *Pollen* angulatum.

1. ARETHUSA. *bulbosa.*
Arethusa bulbosa. *Willden. sp. pl.* 4. *p.* 80.
Helleborine mariana monanthos, flore longo purpurascente liliaceo. *Pluk mant.* 100. *t.* 348. *f.* 7.
Bulbous Arethusa.
Nat. of North America.
Introd.
Fl. May and June. G. H. ♃.

IV. *Anthera* terminalis mobilis decidua. *Massæ pollinis* demum cereaceæ.

BLETIA. (*Ruiz et Pavon prodr.* 119.) *Brown mss.*

Labellum sessile, cucullatum; nunc basi calcaratum. *Petala* 5 distincta. *Columna* libera. *Massæ pollinis* 8 v. 4 bilobæ.

1. B. labello calcarato indiviso: cornu abbreviato, foliis radicalibus ovato-lanceolatis. *Brown mss.* *Tankervilliæ.*
Limodorum Tankervilliæ. *Edit. prior.* 3. *p.* 302. *t.* 12. *Willden. sp. pl.* 4. *p.* 122. *Andrews's reposit.* *Redouté liliac.* 43. *Schneevoogt ic.* 5.
Lady Tankerville's Bletia.
Nat. of China.
Introd. about 1778, by John Fothergill, M. D.
Fl. March and April. S. ♃.

verecunda. 2. B. labello ecalcarato: costis disci ramosis; lobo medio latiore quam longo; lateralibus superne angustioribus, scapo subramoso. *Brown mss.*
Cymbidium verecundum. *Willden. sp. pl.* 4. *p.* 105.
Limodorum altum. *Botan. magaz.* 930.
Tall Bletia.
Nat. of the West Indies.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. Limodorum.
Fl. Most part of the year. S. ♃.

florida. 3. B. labello ecalcarato: costis disci simplicibus; lobo medio subcuneiformi; lateralibus apice latioribus, scapo subramoso. *Brown mss.*
Cymbidium floridum. *Salisb. prodr.* 9.
Limodorum purpureum. *Redouté liliac.* 83.
Purple Bletia.
Nat. of the West Indies.
Introd. 1786, by R. A. Salisbury, Esq.
Fl. July and August. S. ♃.

hyacinthina. 4. B. labello ecalcarato imberbi, massis pollinis quatuor bilobis, caule folioso, floribus racemosis. *Brown mss.*
Cymbidium hyacinthinum. *Smith exot. bot.* 1. *p.* 117. *t.* 60. *Botan. magaz.* 1492.
Hyacinthine Bletia.
Nat. of China. Mr. *William Ker.*
Introd. about 1802, by Thomas Evans, Esq.
Fl. most part of the year. S. ♃.

capitata. 5. B. labello ecalcarato: prope basin intus callo adnato, caule folioso, floribus capitatis. *Brown mss.*
Capitate Bletia.
Nat. of the West Indies.
Introd. 1795, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. S. ♃.

GEODORUM. (*Jackson in Andrews's reposit.* 626.) *Brown mss.*

Labellum cucullato-ventricosum (nunc basi calcaratum,) sessile, cum columna non articulatum. *Petala* conformia subsecunda. *Massæ pollinis* 2, postice lobulo auctæ.

1. G. scapo foliis longiore, racemo pendulo: floribus alternis, labello ovato acuto picto. *Brown mss.* *purpureum.*
Malaxis nutans. *Willden. sp. pl.* 4. *p.* 93.
Limodorum nutans. *Roxb. corom.* 1. *p.* 33. *t.* 40.
Purple sharp-lip'd Geodorum.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. S. ♃.

2. G. scapo foliis breviore, spica pendula: floribus congestis, labello basi subcalcarato; apice obtuso integerrimo. *Brown mss.* *citrinum.*
Geodorum citrinum. *Andrews's reposit.* 626.
Lemon-colour'd Geodorum.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. October—December. S. ♃.

3. G. scapo foliis breviore, spica pendula: floribus congestis, labello subcalcarato; apice dilatato crenulato. *Brown mss.* *dilatatum.*
Limodorum recurvum. *Willden. sp. pl.* 4. *p.* 124. *Roxb. corom.* 1. *p.* 33. *t.* 39.
Shovel-lip'd Geodorum.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. most part of the Summer. S. ♃.

CALYP-

CALYPSO. (*Salisb. paradis.* 89.) *Brown mss.*

Labellum ventricosum prope apicem subtus calcaratum. *Petala* adscendentia secunda. *Columna* petaloideo-dilatata. *Massæ pollinis* 4.

americana. 1. C. labello basi angustato subunguiculato: calcare semibifido laminam superante dentibus acutis, pedunculo germine longiore.
Calypso borealis. *Salisb. paradis.* 89. (exclusis, ni fallor, synonymis.)
American Calypso.
Nat. of North America.
Introd. 1805, by R. A. Salisbury, Esq.
Fl. May and June. H. ♃.

MALAXIS. (*Swartz in act. stockholm.* 1800, *p.* 233.) *Brown mss.*

Labellum explanatum indivisum sessile (sæpius posticum). *Petala* 5 angustiora, patula v. deflexa. *Massæ pollinis* 4 parallelæ, apicibus stigmati affixæ.

paludosa. 1. M. foliis subquaternis apice scabris, scapo pentagono, labello concavo acuto. *Willden. sp. pl.* 4. *p.* 91. *Engl. bot.* 72.
Marsh Malaxis.
Nat. of England.
Fl. July. H. ♃.

Loeselii. 2. M. foliis binis ovato-lanceolatis, scapo trigono, labello apice ovato recurvato. *Willden. sp. pl.* 4. *p.* 93.
Ophrys Loeselii. *Engl. bot.* 47.
Loesel's Malaxis.
Nat. of England.
Fl. July. H. ♃.

liliifolia. 3. M. foliis binis ovato-lanceolatis, scapo triquetro, petalis interioribus reflexis discoloribus, labello

concavo obovato apice acuto. *Willden. sp. pl.* 4. *p.* 92.
Ophrys lilifolia. *Andrews's reposit.* 65.
Lily-leaved Malaxis.
Nat. of North America.
Cult. 1758, by Peter Collinson, Esq. *Philosoph. transact.* 1763. *p.* 81.
Fl. June and July. H. ♃.

CORALLORRHIZA. (*Hall. hist.* 2. *p.* 159.) *Brown mss.*

Labellum basi productum: calcare adnato v. libero. *Columna* libera. *Massæ pollinis* 4 obliquæ (nec parallelæ).

1. C. calcare abbreviato omnino adnato. *innata.*
Cymbidium Corallorhizon. *Willden. sp. pl.* 4. *p.* 109.
Ophrys corallorhiza. *Engl. bot.* 1547.
Spurless Corallorrhiza.
Nat. of Scotland.
Fl. June and July. H. ♃.

ISOCHILUS. *Brown mss.*

Labellum petalis distinctis conniventibus subconforme. *Massæ pollinis* 4, parallelæ.

1. I. spica terminali, foliis distichis linearibus obtusis emarginatis, caule simplici. *linearis.*
Cymbidium lineare. *Willden. sp. pl.* 4. *p.* 97.
Epidendrum lineare. *Jacqu. amer.* 221. *t.* 131. *f.* 1.
Linear Isochilus.
Nat. of the West Indies.
Introd. 1791, by Edward Elcock, Esq.
Fl. May—July. S. ♃.

2. I. floribus axillaribus, foliis distichis lanceolato-oblongis, caule prolifero; bulbis axillaribus diphyllis. *prolifer.*

Cymbidium proliferum. *Willden. sp. pl.* 4. *p.* 95.
Proliferous Isochilus.
Nat. of the West Indies.
Introd. 1793, by Edward Elcock, Esq.
Fl. S. ♃.

ORNITHIDIUM. (*Salisb. in hort. soc. transact.* 1. *p.* 293, absque charactere.) *Brown mss.*

Labellum sessile cucullatum cum basi columnæ connatum. *Petala* conniventia. *Massæ pollinis* 4, obliquæ, postice sulcatæ.

coccineum. 1. Ornithidium.
Ornithidium coccineum. *Salisb. in hort. soc. transact.* 1. *p.* 293.
Cymbidium coccineum. *Willden. sp. pl.* 4. *p.* 94. *Botan. magaz.* 1437.
Scarlet-flower'd Ornithidium.
Nat. of the West Indies.
Introd. 1790, by Mr. Alexander Anderson.
Fl. in all Seasons. S. ♃.

STELIS. (*Swartz in Schrader's journal* 1799, 2 *band. p.* 239.) *Brown mss.*

Labellum petalis interioribus nanis subfornicatis conforme. *Petala* 3 exteriora basi connata. *Massæ pollinis* 2.

ophioglossoides. 1. S. caule unifolio, folio oblongo-lanceolato racemum subæquante, floribus trigonis. *Willden. sp. pl.* 4. *p.* 138.
Epidendrum ophioglossoides. *Jacqu. amer.* 225. *t.* 133. *f.* 2.
Adders-tongue-leaved Stelis.
Nat. of the West Indies.
Introd. 1791, by Edward Elcock, Esq.
Fl. May and June. S. ♃.

micrantha. 2. S. caule unifolio elongato, folio lato-lanceolato

racemo breviore, floribus hexagonis. *Willden. sp. pl.* 4. *p.* 139.
Stelis micrantha. *Smith exot. bot.* 2. *p.* 31. *t.* 75.
Small-flower'd Stelis.
Nat. of Jamaica.
Introd. 1805, by the Marquis of Blandford.
Fl. November and December. S. ♃.

PLEUROTHALLIS. *Brown mss.*

Labellum articulatim connexum cum basi simplici v. brevissime producta columnæ. *Petala* 2 antica exteriorum inferne connata. *Massæ pollinis* 2, exsulcæ.

1. P. caule elongato unifolio, folio ovato-lanceolato, floribus in sinu folii aggregatis. *Brown mss.* *ruscifolia.*
Dendrobium ruscifolium. *Willden. sp. pl.* 4. *p.* 135.
Epidendrum ruscifolium. *Jacqu. amer.* 226. *t.* 133. *f.* 3.
Butcher's broom-leaved Pleurothallis.
Nat. of the West Indies.
Introd. 1791, by Edward Elcock, Esq.
Fl. May and June. S. ♃.

OCTOMERIA. *Brown mss.*

Labellum articulatum cum processu unguiformi, cujus lateribus petala antica adnata. *Massæ pollinis* 8.

1. O. caule elongato unifolio, folio lanceolato, pedunculis geminatis unifloris, radice repente. *graminifolia.*
Dendrobium graminifolium. *Willden. sp. pl.* 4. *p.* 135.
Helleborine graminea repens biflora. *Plum. ic.* 176. *f.* 1.
Grass-leaved Octomeria.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

AERIDES.

AERIDES. (*Swartz in Schrader's journal* 1799, *2 band. p.* 233.) *Brown mss.*

Labellum calcaratum v. saccatum, insertum apice processus unguiformis, cujus lateribus petala antica exteriorum adnata. *Massæ pollinis* 2 postice bilobæ, processu communi stigmatis medio affixæ.

odoratum. 1. A. calcare adscendente conico-subulato, labelli lobo medio lateralibus breviore, foliis retusis.
Aerides odoratum. *Willden. sp. pl.* 4. *p.* 131.
Fragrant Aerides.
Nat. of China.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♃.

DENDROBIUM. (*Swartz in nov. act. upsal.* 6. *p.* 82.) *Brown mss.*

Labellum ecalcaratum, articulatum cum apice processus unguiformis, cujus lateribus petala antica adnata, calcar æmulantia. *Massæ pollinis* 4, parallelæ.

speciosum. 1. D. caulibus erectis apice 2–3-phyllis, foliis ovali-oblongis racemo terminali multifloro brevioribus, petalis angusto-oblongis, labello infra divisuram carina unica; lobo intermedio ecarinato dilatato. *Brown prodr.* 332.
Dendrobium speciosum. *Smith exot. bot.* 1. *p.* 17. *t.* 10.
Showy Dendrobium.
Nat. of New South Wales.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. G. H. ♃.

linguiforme. 2. D. caulibus repentibus, foliis ovalibus obtusis depressis carnosis racemo aliquoties brevioribus,

petalis elongato linearibus acutis, labelli lobo medio undulato tricarinato. *Brown prodr.* 333.
Dendrobium linguiforme. *Smith exot. bot.* 1. *p* 19. *t.* 11. *Willden. sp. pl.* 4. *p.* 138.
Tongue-leaved Dendrobium.
Nat. of New South Wales.
Introd. 1810, by Rear Admiral William Bligh.
Fl. G. H. ♃.

3. D. foliis subternis oblongis nervosis bulbo innatis, scapo subunifloro vaginato. *Willden. sp. pl.* 4. *p.* 132. *Barringtoniæ.*
Epidendrum Barringtoniæ. *Smith ic. pict.* 25.
Large-flowered Dendrobium.
Nat. of the West Indies.
Introd. 1790, by the Right Hon. Lord Gardner.
Fl. most part of the Summer. S. ♃.

CYMBIDIUM. *Brown mss.* Cymbidii species. *Swartz in nov. act. upsal.* 6. *p.* 70.

Labellum ecalcaratum concavum, cum basi (simplici nec producta) columnæ articulatum. *Petala* patentia distincta. *Massæ pollinis* 2, postice bilobæ.

* Cymbidia vera.

1. C. foliis radicalibus lato-linearibus canaliculatis carnosis apice retusis, scapis multifloris pendulis. *aloifolium.*
Cymbidium aloifolium. *Willden. sp. pl.* 4. *p.* 101.
Epidendrum aloifolium. *Curtis magaz.* 387. *Redouté liliac.* 114.
Aloe-leaved Cymbidium.
Nat. of the East Indies.
Introd. 1789, by Messrs. Loddiges.
Fl. May and June. S. ♃.

2. C. foliis radicalibus ensiformibus nervosis, scapo tereti paucifloro, labello ovato sub-recurvato maculato. *Willden. sp. pl.* 4. *p.* 110. *ensifolium.*

Epidendrum ensifolium. *Smith spicil.* 22. *t.* 24. *Andrews's reposit.* 344.
Epidendrum sinense. *Redouté liliac.* 113.
Sword-leaved Cymbidium.
Nat. of China and Japan.
Cult. before 1780, by John Fothergill, M. D.
Fl. June—October. S. ♃.

sinense. 3. C. foliis radicalibus ensiformibus nervosis, scapo paucifloro, floribus secundis, petalis striatis: tribus exterioribus reflexis, labello oblongo obtuso reflexo. *Willden. sp. pl.* 4. *p.* 111.
Epidendrum sinense. *Andrews's reposit.* 216. *Botan. magaz.* 888.
Chinese Cymbidium.
Nat. of China.
Introd. about 1793, by G. Slater, Esq.
Fl. September and October. S. ♃.

præmorsum. 4. C. caulescens, foliis remotiusculis distichis lato-linearibus canaliculatis apice præmorsis, spicis oppositifoliis. *Willden. sp. pl.* 4. *p.* 103.
Epidendrum præmorsum. *Roxb. corom.* 1. *p.* 34. *t.* 43.
Snip-leaved Cymbidium.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June. S. ♃.

** Cymbidium spurium.

tripterum. 5. C. acaule, foliis bulbo innatis radicalibus vaginatis, scapis multifloris, germine trialato. *Willden. sp. pl.* 4. *p.* 94.
Epidendrum tripterum. *Smith ic. pict.* 14.
Triangular-fruited Cymbidium.
Nat. of Jamaica.
Introd. 1790, by the Right Hon. Lord Gardner.
Fl. June and July. S. ♃.

BRAS-

BRASSIA. *Brown mss.*

Labellum explanatum indivisum. *Petala* patula distincta. *Columna* aptera. *Massæ pollinis* 2, postice bilobæ; medio affixæ processu communi stigmatis.

1. Brassia. *Brown mss.* *maculata.*
Spotted-flower'd Brassia.
Nat. of Jamaica.
Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. S. ♃.

ONCIDIUM. (*Swartz in act. stockholm.* 1800, *p.* 239.) *Brown mss.*

Labellum explanatum lobatum basi tuberculatum. *Petala* patentia (2 antica nunc connata). *Columna* alata. *Massæ pollinis* 2, postice bilobæ; medio affixæ processu communi stigmatis.

1. O. petalis lanceolatis labello longioribus: anticis distinctis, scapo paniculato. *altissimum.*
Oncidium altissimum. *Willden. sp. pl.* 4. *p.* 112.
Epidendrum altissimum. *Jacqu. amer.* 229. *t.* 141.
Sharp-petal'd Oncidium.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral Bligh.
Fl. August and September. S. ♃.

2. O. petalis obovatis unguiculatis labello parum brevioribus anticis distinctis scapo paniculato. *carthagenense.*
Oncidium carthagenense. *Willden. sp. pl.* 4. *p.* 112.
Epidendrum undulatum. *Botan. magaz.* 777.
Spread-eagle Oncidium.
Nat. of the West Indies.
Introd. 1791, by Edward Elcock, Esq.
Fl. May and June. S. ♃.

3. O. pe-

bifolium. 3. O. petalis obovatis undulatis: anticis connatis, labello petalis longiore: lobo medio dilatato-reniformi semibifido, scapo racemoso, bulbis diphyllis.
Oncidium bifolium. *Sims in botan. magaz.* 1491.
Two-leaved Oncidium.
Nat. of South America.
Introd. 1811, by Messrs. Loddiges.
Fl. July. S. ♃.

triquetrum. 4. O. petalis acutis: anticis connatis, labelli lobo medio subrotundo indiviso, scapo racemoso, foliis triquetris.
Cymbidium triquetrum. *Willden. sp. pl.* 4. *p.* 104.
Triangular-leaved Oncidium.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July and August. S. ♃.

CYRTOPODIUM. *Brown mss.*

Labellum ungue geniculato; lamina 3-partita. *Petala* 5 distincta. *Massæ pollinis* 2 postice bilobæ.

Andersonii. 1. Cyrtopodium. *Brown mss.*
Cymbidium Andersonii. *Lambert in Andrews's reposit.* 651.
Anderson's Cyrtopodium.
Nat. of the West Indies. Mr. *Alex. Anderson.*
Introd. 1804, by Thomas Evans, Esq.
Fl. most part of the Summer. S. ♃.

BRASSAVOLA. *Brown mss.*

Labellum ungue simplici; lamina indivisa. *Petala* distincta patula. *Massæ pollinis* 8 (vel plures!).

cucullata. 1. B. caule unifloro, lamina labelli ciliata.
Cymbidium cucullatum. *Willden. sp. pl.* 4. *p.* 100.
Epidendrum cucullatum. *Botan. magaz.* 543.

Single-flower'd Brassavola.
Nat. of the West Indies.
Introd. 1793, by Rear Admiral William Bligh.
Fl. June—September. S. ♃.

BROUGHTONIA. *Brown mss.*

Columna libera v. basi tantum connata *labello* unguiculato (nunc inferne producto in tubulum ovario adnatum). *Massæ pollinis* 4 parallelæ, septis completis persistentibus distinctæ, basi filo granulato elastico auctæ.

1. B. foliis geminis oblongis bulbo innatis, scapo diviso. *Brown mss.* *sanguinea.*
Dendrobium sanguineum. *Willden. sp. pl.* 4. *p.* 132.
Viscum radice bulbosa minus, delphinii flore rubro specioso. *Sloan. jam.* 1. *p.* 250. *t.* 121. *f.* 2.
Blood-colour'd Broughtonia.
Nat. of Jamaica.
Introd. 1793, by Walter Ewer, Esq.
Fl. June and July. S. ♃.

EPIDENDRUM. (*Swartz in nov. act. upsal.* 6. *p.* 66.) *Brown mss.*

Columna cum ungue labelli longitudinaliter connata in tubum (quandoque decurrentem ovarium). *Massæ pollinis* 4 parallelæ, septis completis persistentibus distinctæ, basi filo granulato elastico auctæ.

1. E. foliis geminis oblongis bulbo innatis, scapo elongato, lamina labelli cordata obtusa. *Willden. sp. pl.* 4. *p.* 114. *Andrews's reposit.* 13. *Botan. magaz.* 572. *cochleatum.*
Dark purple-flower'd Epidendrum.
Nat. of the West Indies.
Introd. 1786, by Mr. Alexander Anderson.
Fl. December—February. S. ♃.

fragrans. 2. E. folio lanceolato bulbo innato, scapo abbreviato multifloro, lamina labelli cordata acuminata.
Epidendrum fragrans. *Willden. sp. pl.* 4. *p.* 114. *Andrews's reposit* 645.
Epidendrum cochleatum. *Curtis magaz.* 152.
Sweet-scented Epidendrum.
Nat. of Jamaica.
Introd. 1778, by Francis Goldney, Esq.
Fl. October. S. ♃.

secundum. 3. E. caule simplici, foliis oblongis emarginatis, pedunculo terminali longissimo, spica laxa secunda, columna longitudine petalorum. *Willden. sp. pl.* 4. *p.* 119.
Epidendrum secundum. *Jacq. amer.* 224. *t.* 137.
Side-flowering Epidendrum.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

fuscatum. 4. E. caule simplici, foliis oblongis acuminatisve, pedunculo terminali elongato, spica globosa, columna petalis breviore. *Willden. sp. pl.* 4. *p.* 120. *Smith spicil.* 21. *t.* 23.
Brown Epidendrum.
Nat. of the West Indies.
Introd. 1790, by the Right Hon. Lord Gardner.
Fl. June and July. S. ♃.

elongatum. 5. E. caule simplici, foliis oblongis, pedunculo terminali elongato, spica laxa, lamina labelli dentato-ciliata. *Willden. sp. pl.* 4. *p.* 120. *Botan. magaz.* 611.
Long-stalk'd Epidendrum.
Nat. of the West Indies.
Introd 1798, by the Right Hon. Sir Joseph Banks, Bart. K B.
Fl. most part of the Year. S. ♃.

umbellatum. 6. E. caule simplici, foliis oblongis subemarginatis,

floribus in sinu folii terminalis confertis, lamina labelli triloba: lobo intermedio emarginato. *Willden. sp. pl.* 4. *p.* 117.
Umbel'd Epidendrum.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

7. E. caule simplici, foliis ovato-lanceolatis amplexicaulibus, floribus subspicatis nutantibus, lamina labelli triloba: lobo intermedio tridentato. *Willden. sp. pl.* 4. *p.* 117. *nutans.*
Nodding Epidendrum.
Nat. of Jamaica. Arthur Broughton, M. D.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

8. E. caule simplici, floribus spicatis erectis, lamina labelli triloba: medio retuso, petalis interioribus angustioribus, foliis lanceolatis. *conopseum.*
Florida Epidendrum.
Nat. of Florida. Mr. *William Bartram.*
Introd. 1775, by John Fothergill, M.D.
Fl. August. S. ♃.

9. E. caule simplici, foliis binis oblongis aveniis, lamina labelli tripartita: lacinia intermedia lineari. *Willden. sp. pl.* 4. *p.* 119. *Botan. magaz.* 463. *Redouté liliac.* 82. *ciliare.*
Fringed Epidendrum.
Nat. of the West Indies.
Introd. 1790, by Edward Elcock, Esq.
Fl. in the Spring and Summer. S. ♃.

VANILLA. (*Swartz in nov. act. upsal.* 6. *p.* 66.)
Brown mss.

Cor. cum germine articulata decidua! *Labellum* inferne columna connatum. *Massæ pollinis* granulosæ. *Capsula* carnosa. *Semina* globosa aptera.

aromatica. 1. V. foliis ovato-oblongis nervosis, petalis undulatis, labello acuto, capsulis cylindraceis longissimis.
Vanilla aromatica. *Willden. sp. pl.* 4. *p.* 121.
Vanilla flore viridi et albo, fructu nigricante. *Plum. ic.* 183. *t.* 188.
Aromatic Vanilla, or Vanelloe.
Nat. of South America.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.*
Fl. June—August. S. ♄.

planifolia. 2. V. foliis oblongo-lanceolatis planis obsolete striatis, labello retuso.
Vanilla planifolia. *Andrews's reposit.* 538.
Myrobroma fragrans. *Salisb. paradis.* 82.
Fragrant Vanilla.
Nat. of the West Indies.
Introd. 1800, by the Right Hon. Charles Greville.
Fl. April—June. S. ♃.

DIANDRIA.

CYPRIPEDIUM. (*Swartz in act. stockholm.* 1800, *p.* 250.) *Brown mss.*

Labellum ventricosum, inflatum (nunc saccatum). *Columna* postice terminata lobo petaloideo (stamine sterili.) antheras distinguente. *Petala 2 antica* sæpius connata.

Calceolus. 1. C. caule folioso, lobo columnæ elliptico obtuso, labello petalis breviore compresso. *Willden. sp. pl.* 4. *p.* 142. *Engl. bot.* 1. *Fl. dan.* 999. *Redouté liliac.* 19.
Common Ladies' Slipper.
Nat. of England.
Fl. May—July. H. ♃.

2. C. caule folioso, lobo columnæ triangulari acuto, labello petalis breviore compresso. *Willden. sp. pl.* 4. *p.* 143. *parviflorum.*
Cypripedium parviflorum. *Botan. magaz.* 911.
Small-flower'd Ladies' Slipper.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. May and June. H. ♃.

3. C. caule folioso, lobo styli triangulari-oblongo obtuso, labello petalis breviore compresso. *Willden. sp. pl.* 4. *p.* 143. *pubescens.*
Cypripedium pubescens. *Willden. hort. berolin.* 13.
Cypripedium flavescens. *Redouté liliac.* 20.
Yellow downy Ladies' Slipper.
Nat. of North America.
Introd. 1790, by the Right Hon Sir Joseph Banks, Bart. K. B.
Fl. May and June. H. ♃.

4. C. caule folioso, lobo styli elliptico cordato obtuso, labello petalis obtusis longiore antice fisso. *Willden. sp. pl.* 4. *p.* 143. *spectabile.*
Cypripedium album. *Curtis magaz.* 216. *Schnevoogt ic.* 2.
White-petal'd Ladies' Slipper.
Nat. of North America.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Helleborine 6.
Fl. June and July. H. ♃.

5. C. scapo aphyllo unifloro, foliis radicalibus geminis oblongis obtusis, lobo columnæ subrotundo-rhombeo acuminato deflexo, labello petalis lanceolatis longiore antice fisso. *Willden. sp. pl.* 4. *p.* 144. *humile.*
Cypripedium acaule. *Curtis magaz.* 192.
Two-leaved Ladies' Slipper.
Nat. of North America.

Introd. 1786, by William Hamilton, Esq.
Fl. May and June. H. ♃.

arietinum. 6. C. corollis pentapetalis, labello saccato-calcarato, caule folioso.
Chandler's Cypripedium.
Nat. of North America.
Introd. 1808, by Messrs. Chandler and Buckingham.
Fl. May. H. ♃.

STYLIDIUM. *Brown prodr.* 566.

Cal. bilabiatus. *Cor.* irregularis, 5-fida; lacinia quinta dissimili. *Columna* reclinata, duplici flexura. *Antheræ* bilobæ: lobis divaricatissimis. *Caps.* 2-locularis.

graminifolium. 1. S. foliis linearibus margine denticulatis, racemo subspicato simplici scapoque glanduloso-piloso, labello basi appendiculato. *Brown prodr.* 568.
Stylidium graminifolium. *Willden. sp. pl.* 4. *p.* 146. *Labillard. nov. holl.* 2. *p.* 65. *t.* 215.
Ventenatia major. *Smith exot. bot.* 2. *p.* 13. *t.* 66.
Candollea serrulata. *Labill. in annal. du mus.* 6. *p.* 454. *t.* 64. *f.* 2.
Grass-leaved Stylidium.
Nat. of New South Wales. The Right Hon. Sir *Joseph Banks*, Bart. K. B.
Introd. 1803, by Mr. Peter Good.
Fl. most part of the Summer. G. H. ♃.

fruticosum. 2. S. foliis angusto-linearibus decurrentibus glabris, fauce semicoronatâ, labello appendiculato. *Brown prodr.* 570.
Stylidium glandulosum. *Salisb. paradis.* 77.
Shrubby Stylidium.
Nat. of the South coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. May—August. G. H. ♄.

3. S. caule scandente, foliis linearibus cirrhosis, fauce coronata, labello appendiculato, columna superne pubescenti. *Brown prodr.* *scandens.*
Climbing Stylidium.
Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. July and August. G. H. ♃.

GUNNERA. *Gen. pl.* 1378.

Cal. bidentatus, superus. *Cor.* 0. *Stylus* 2-partitus. *Drupa* monosperma, dentibus calycis coronata.

1. G. foliis reniformibus dentatis scapo fructifero brevioribus, scapo petiolisque lævibus. *Willden. sp. pl.* 4. *p.* 148. *perpensa.*
Blitum africanum, calthæ palustris folio; caule nudo cubitali spicam pedalem et amplius sustinente. *Pluk. alm.* 68. *t.* 18. *f.* 2.
Marsh Marygold-leaved Gunnera.
Nat. of the Cape of Good Hope.
Cult. before 1688, by Mr. Samuel Doody. *Raj. hist.* 2. *p.* 1858.
Fl. G. H. ♃.

HEXANDRIA.

ARISTOLOCHIA. *Gen. pl.* 1383.

Cal. 0. *Cor.* 1-petala, ligulata, basi ventricosa. *Cap.* 6-locularis, polysperma, infera.

1. A. foliis trilobis, caule volubili, corollis cylindraceis infractis basi saccatis: labio cordato cuspidato: cuspide filiformi corolla triplo longiore torto. *Willden. sp. pl.* 4. *p.* 151. *trilobata.*
Three-lobed Birthwort.
Nat. of South America.

Introd. about 1775.
Fl. June and July. S. ♄.

maxima. 2. A. foliis oblongis acuminatis trinerviis, caule volubili, pedunculis multifloris, corollis incurvis: labio ovato mucronato. *Willden. sp. pl.* 4. *p.* 153.
Aristolochia maxima. *Jacqu. amer.* 233. *t.* 146.
Greatest Birthwort.
Nat. of New Spain.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 13.
Fl. July. S. ♄.

Sipho. 3. A. foliis cordatis acutis, caule volubili, pedunculis unifloris bractea ovata instructis, corollis adscendentibus: limbo trifido æquali. *Willden. sp. pl.* 4. *p.* 155. *Botan. magaz.* 534.
Broad-leaved Birthwort.
Nat. of North America. Mr. *John Bartram.*
Introd. about 1763.
Fl. June and July. H. ♄.

tomentosa. 4. A. caule volubili frutescente, foliis petiolatis cordatis subtus tomentosis, pedunculis solitariis ebracteatis, corollæ tubo retorto; limbo subæqualiter trifido: ore hiante. *Sims in botan. magaz.* 1369.
Downy-leaved Birthwort.
Nat. of North America.
Introd. 1799, by Messrs. Lee and Kennedy.
Fl. June and July. H. ♄.

odoratissima. 5. A. foliis cordato-ovatis, caule volubili, pedunculis folio longioribus unifloris, labio cordato-lanceolato corolla longiore. *Willden. sp. pl.* 4. *p.* 156.
Aristolochia scandens odoratissima, flore labello purpureo, semine cordato. *Sloan. jam.* 1. *p.* 162. *t.* 104. *f.* 1.
Sweet-scented Birthwort.
Nat. of Jamaica.

Cult. 1737, by Mr. Ph. Miller. *Mill. dict. ed.* 3. *n.* 8.
Fl. July. S. ♄.

6. A. foliis cordatis oblongis, caule volubili, corollis rectis: limbo dilatato: labio spathulato apice barbato. *Willden. sp. pl.* 4. *p.* 156. *barbata.*
Aristolochia barbata. *Jacqu. ic.* 3. *t.* 608.
Bearded Birthwort.
Nat. of Caracas.
Cult. 1796, by R. A. Salisbury, Esq. *Salisb. prodr.* 215.
Fl. S. ♃.

7. A. foliis ellipticis obtusis subemarginatis leviter cordatis, pedunculis multifloris, corollis erectis: labio lanceolato tubo longiore. *Willden. sp. pl.* 4. *p.* 157. *indica.*
Careloe-vegon. *Rheed. mal.* 8. *p.* 49. *t.* 25.
Indian Birthwort.
Nat. of the East Indies.
Cult. before 1780, by John Fothergill, M. D. *Hort. Upton* 18.
Fl. June and July. S. ♄.

8. A. foliis subrotundo-cordatis acutis, caule volubili, pedunculis subternis, corollis incurvis: labio ovato. *Willden. sp. pl.* 4. *p.* 157. *bœtica.*
Aristolochia Clematitis bœtica. *Clus. hist.* 2. *p.* 71.
Spanish Birthwort.
Nat. of Spain and Crete.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. May and June. H. ♃.

9. A. foliis cordatis ovatis obtusis subtus glaucis, caule volubili, corollis incurvis: labio ovato retuso *Willden. sp. pl.* 4. *p.* 158. *Botan. magaz.* 1115. *glauca.*
Glaucous-leaved Birthwort.
Nat. of Barbary and Portugal.

Cult. before 1786.
Fl. July. G. H. ♄.

sempervirens. 10. A. foliis cordatis oblongis acuminatis, caule prostrato flexuoso subscandente, corollis incurvis: labio ovato retuso. *Willden. sp. pl.* 4. *p.* 158. *Botan. magaz.* 1116.
Evergreen Birthwort.
Nat. of the Island of Candia.
Introd. about 1727, by Mr. Henry Hopkey. *Mill. dict. ed.* 1. *n.* 4.
Fl. May and June. G. H. ♄.

longa. 11. A. foliis cordatis ovatis retusis, caule prostrato subscandente, corollis erectis: labio lanceolato acuto. *Willden. sp. pl.* 4. *p.* 159. *Zorn ic.* 38.
Long-rooted Birthwort.
Nat. of the South of Europe.
Cult. 1548. *Turner's names of herbes, sign Bij.*
Fl. June—October. H. ♃.

Serpentaria. 12. A. foliis cordatis oblongis acuminatis, caule flexuoso adscendente, pedunculis radicalibus, corollæ labio lanceolato. *Willden. sp. pl.* 4. *p.* 159. *Jacqu. hort. schœnbr.* 3. *p.* 70. *t.* 385.
Virginian Birthwort, or Snake-root.
Nat. of North America.
Cult. 1632, by Mr. John Tradescant, Sen. *Ger. emac.* 848. *f.* 6.
Fl. June and July. H. ♃.

bracteata. 13. A. foliis cordatis obtusis, caule infirmo, floribus solitariis, bracteis cordatis petiolatis. *Willden. sp. pl.* 4. *p.* 160.
Bracteated Birthwort.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July. S. ♃.

Pistolochia. 14. A. foliis cordatis ovatis crenatis scabris subtus reticulatis, caule basi ramoso flexuoso prostrato,

corollis erectis: labio lanceolato. *Willden. sp. pl.* 4. *p.* 161.
Pistolochia. *Clus. hist.* 2. *p.* 72.
Small Birthwort.
Nat. of the South of Europe.
Cult. 1597, by Mr. John Gerard. *Ger. herb.* 697. Small Birthwoort.
Fl. June and July. H. ♃.

15. A. foliis cordatis ovatis obtusis subsessilibus, caule erectiusculo subsimplici, pedunculis solitariis unifloris, corollis erectis: labio oblongo retuso. *Willden. sp. pl.* 4. *p.* 162. *rotunda.*
Aristolochia rotunda I, *Clus. hist.* 2. *p.* 70.
Round-rooted Birthwort.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. most part of the Year. G. H. ♃.

16. A. foliis cordatis ovatis obtusis emarginatis petiolatis: lobis divaricatis, caule flexuoso erectiusculo, pedunculis solitariis unifloris, corollis erectis: labio lanceolato retuso. *Willden. sp. pl.* 4. *p.* 162. *pallida.*
Aristolochia rotunda, flore ex albo purpurascente. *Moris. hist.* 3. *p.* 509. *s.* 12. *t.* 18. *f.* 2.
Pale flower'd Birthwort.
Nat. of Italy.
Cult. 1640. *Park. theatr.* 292. *n.* 2.
Fl. May—August. H. ♃.

17. A. foliis cordatis oblongis obtusis pubescentibus petiolatis, caule erecto hirto, pedunculis solitariis unifloris, corollis recurvatis: limbo dilatato ovato. *Willden sp. pl.* 4. *p.* 162. *hirta.*
Aristolochia longa subhirsuta folio oblongo, flore maximo. *Tournef. it.* 1. *p.* 147. *cum tab.*
Hairy Chion Birthwort.
Nat. of Chio.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. May and June. G. H. ♃.

18. A. fo-

Clematitis. 18. A. foliis subrotundo-cordatis obtusiusculis petiolatis, caule erecto, pedunculis unifloris aggregatis, corollis erectis: labio oblongo. *Willden. sp. pl.* 4. *p.* 163. *Engl. bot.* 398.
Common Birthwort.
Nat. of England.
Fl. May—August. H. ♃.

arborescens. 19. A. foliis cordato-lanceolatis, caule erecto fruticoso. *Willden. sp. pl.* 4. *p.* 164.
Tree Birthwort.
Nat. of North America.
Cult. 1737, by Mr. Ph. Miller. *Mill. dict. ed.* 3. *n.* 6.
Fl. June and July. G. H. ♄.

Clas

Classis XXI.

MONOECIA.

MONANDRIA.

ZANNICHELLIA. *Gen. pl.* 1391.

MASC. *Cal.* 0. *Cor.* 0.
FEM. *Cal.* 1-phyllus. *Cor.* 0. *Germina* circiter 4. *Sem.* totidem.

1. Z. anthera quadriloculari, stigmatibus integerrimis, seminibus dorso denticulatis. *Willden. sp. pl.* 4. *p.* 181. *Engl. bot.* 1844. *palustris.*
Horn'd Pond-weed.
Nat. of Britain.
Fl. July. H. ⊙.

CHARA. *Gen. pl.* 1397.

MASC. *Cal.* 0. *Cor.* 0. *Anth.* globosa, sessilis.
FEM. *Cal.* 0. *Cor.* 0. *Styl.* 0. *Stigm.* 5. *Bacca* 1-locularis, polysperma.

1. C. caulibus ramulisque basi nudis, ramulis teretibus, articulis foliosis, foliolis oblongo-subulatis, bracteis bacca brevioribus. *Willden. sp. pl.* 4. *p.* 183. *Engl. bot.* 336. *vulgaris.*
Common Chara.
Nat. of Britain.
Fl. July and August. H. ⊙.

2. C. in-

gracilis. 2. C. inermis diaphana lævis, ramis lateralibus dichotomis, ramulis foliisque subulatis subdivisis. *Engl. bot.* 2140.
Slender Shining Chara.
Nat. of England.
Fl. July and August. H. ⊙.

hispida. 3. C. caulibus hispidis, ramulis scabris basi subfoliosis, articulis foliosis, foliis teretibus subulatis, bracteis bacca longioribus. *Willden. sp. pl.* 4. *p.* 185. *Engl. bot.* 463.
Prickly Chara.
Nat. of Britain.
Fl. June—September. H. ⊙.

flexilis. 4. C. caulibus diaphanis nudis, ramulis inarticulatis compressis aphyllis, baccis nudis lateralibus. *Willden. sp. pl.* 4. *p.* 187. *Schmidel ic.* 3. *t.* 14. *Engl. bot.* 1070.
Smooth Chara.
Nat. of England.
Fl. July and August. H. ⊙.

translucens. 5. C. inermis lævis diaphana, foliis indivisis articulatis cylindricis obtusis cum mucronulo. *Engl. bot.* 1855.
Great Transparent Chara.
Nat. of England.
Fl. July and August. H. ⊙.

nidifica. 6. C. inermis lævis diaphana, foliis omnibus indivisis cylindricis elongatis, anthera subpedicellata. *Engl. bot.* 1703.
Chara nidifica. *Fl. dan.* 761.
Proliferous Chara.
Nat. of England.
Fl. July and August. H. ⊙.

CERATOCARPUS. *Gen. pl.* 1392.

Masc. *Cal.* 2-partitus. *Cor.* 0. *Filam.* longum.
Fem. *Cal.* 1-phyllus, 2-cornis, germini supero adnatus.

adnatus. *Cor.* 0. *Styl.* 2. *Sem.* 1, calyce arcte inclusum.

1. CERATOCARPUS. *Willden. sp. pl.* 4. *p.* 187. *Buxb. in act. petropol.* 1. *p.* 241. *t.* 9. *arenarius.*
Sand Ceratocarpus.
Nat. of Tartary.
Cult. 1757, by Mr. Ph. Miller. *R. S. n.* 1758.
Fl. June and July. H. ⊙.

ARTOCARPUS. *Gen. pl.* 1393.

MASC. *Amentum* cylindricum. *Cal.* 0. *Cor.* 2-petala. *Filamentum* longitudine corollæ.
FEM. *Cal.* 0. *Cor.* 0. *Germina* numerosa in globum collecta. *Styl.* filiformis. *Drupa* composita.

1. A. foliis pinnatifido-sinuatis scabris subtus pubescentibus, amentis masculis cernuis. *Willden. sp. pl.* 4. *p.* 188. *incisa.*
Rima, ou fruit à pain. *Sonnerat nouv. guin.* 99. *t.* 57—60.
Bread-fruit Tree.
Nat. of the South Seas. Messrs. *Wiles and Smith.*
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

2. A. foliis oblongis indivisis basi attenuatis subtus scabris. *Willden. sp. pl.* 4. *p.* 189. *integrifolia.*
Tsjaka-Maram. *Rheed. mal.* 3. *p.* 17. *t.* 26, 27, 28.
Indian Jaca Tree.
Nat. of the East Indies.
Introd. 1778, by Sir Edward Hughes, K. B.
Fl. June. S. ♄.

CASUARINA. *Gen. pl.* 1395.

MASC. *Amentum* filiforme. *Cal.* 2-valvis. *Cor.* 0.
FEM. *Amentum* globosum. *Cal.* squama ovata. *Cor.* 0. *Caps.* 2-valvis, 1-sperma. *Sem.* apice alatum.

equiseti-folia. 1. C. monoica, ramulellis flaccidis teretibus, strobilorum squamis inermibus villosis, vaginis masculis septem-partitis ciliatis. *Willden. sp. pl.* 4. *p.* 190.
Casuarina littorea. *Rumph. amb.* 3. *p.* 86. *t.* 57.
Horse-tail Casuarina. Tinian Pine.
Nat. of the East Indies, and the South Sea Islands.
Introd. 1766, by Admiral Byron.
Fl. October and November. G. H. ♄.

stricta. 2. C. dioica, ramulellis erectis sulcatis, strobilorum squamis inermibus glabriusculis, vaginis masculis multifidis glabris. *Willden. sp. pl.* 4. *p.* 190. *Andrews's reposit.* 346.
Upright Casuarina.
Nat. of New South Wales.
Introd. 1775, by Messrs. Kennedy and Lee.
Fl. November and December. G. H. ♄.

torulosa. 3. C. dioica, ramulellis flaccidis, strobilorum squamis villosis tuberculis exasperatis, vaginis masculis quadrifidis. *Willden. sp. pl.* 4. *p.* 191.
Cork-bark'd Casuarina.
Nat. of New South Wales. The Right Hon. Sir *Joseph Banks*, Bart. K. B.
Introd. 1772.
Fl. G. H. ♄.

DIAN-

DIANDRIA.

ANGURIA. *Gen. pl.* 1399.

MASC. *Cal.* 5-fidus. *Cor.* 5-petala.
FEM. *Cal.* 5-fidus. *Cor.* 5-petala. *Pomum* inferum, 2-loculare polyspermum.

1. A. foliis trilobis. *Willden. sp. pl.* 4. *p.* 192. *trilobata.*
Jacqu. amer. 243. *t.* 156.
Three-lobed Anguria.
Nat. of Carthagena.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

LEMNA. *Gen. pl.* 1400.

MASC. *Cal.* 1-phyllus. *Cor.* 0.
FEM. *Cal.* 1-phyllus. *Cor.* 0. *Styl.* 1. *Caps.* 1-locularis, disperma.

1. L. foliis lanceolatis in petiolum attenuatis cruciatim cohærentibus, radicibus solitariis. *Willden. sp. pl.* 4. *p.* 193. *Engl. bot.* 926. *trisulca.*
Ivy-leaved Duck-weed.
Nat. of Britain.
Fl. May and June. H. ⊙.

2. L. foliis ellipticis utrinque planis basi cohærentibus, radicibus solitariis. *Willden. sp. pl.* 4. *p.* 194. *Engl. bot.* 1095. *minor.*
Lesser Duck-weed.
Nat. of Britain.
Fl. June and July. H. ⊙.

3. L. foliis ellipticis subtus bullato-convexis basi cohærentibus, radicibus solitariis. *Willden. sp. pl.* 4. *p.* 194. *Engl. bot.* 1233. *gibba.*
Gibbous Duck-weed.
Nat. of England.
Fl. June and July. H. ⊙.

4. L. fo-

polyrhiza. 4. L. foliis ellipticis planis basi cohærentibus, radicibus fasciculatis. *Willden. sp. pl.* 4. *p.* 195. *Wolf lemn. p.* 28. *fig.* 16—21. *Engl. bot.* 2458.
Greater Duck-weed.
Nat. of Britain.
Fl. May—September. H. ⊙.

TRIANDRIA.

TYPHA. *Gen. pl.* 1401.

Masc. *Amentum* cylindricum. *Cal.* obsoletus, triphyllus. *Cor.* 0.
Fem. *Amentum* cylindricum, infra masculos. *Cal.* 0. *Cor.* 0. *Sem.* 1, pedicellatum: pedicello basi pilis longis pappi instar cincto.

latifolia. 1. T. foliis linearibus planis, spica mascula femineaque approximatis utraque cylindrica. *Willden. sp. pl.* 4. *p.* 197. *Engl. bot.* 1455.
Typha major. *Curtis lond.*
Great Cat's-tail, or Reed-mace.
Nat. of Britain.
Fl. July. H. ♃.

minor. 2. T. foliis linearibus planis culmo duplo brevioribus, spica mascula femineaque remotis utraque cylindracea. *Willden. sp. pl.* 4. *p.* 197.
Typha minor. *Engl. bot.* 1457.
Typha minima. *Willden. sp. pl.* 4. *p.* 198.
Dwarf Cat's-tail, or Reed-mace.
Nat. of England.
Fl. July. H. ♃.

angustifolia. 3. T. foliis linearibus canaliculatis, spica mascula femineaque remotis utraque cylindrica. *Willden. sp. pl.* 4. *p.* 198. *Engl. bot.* 1456.
Typha minor. *Curtis lond.*
Lesser Cat's-tail, or Reed-mace.
Nat. of Britain.
Fl. June and July. H. ♃.

SPARGANIUM. *Gen. pl.* 1402.

Masc. *Amentum* subrotundum. *Cal.* 3-phyllus. *Cor.* 0.

Fem. *Amentum* subrotundum. *Cal.* 3-phyllus. *Cor.* 0. *Stigm.* bifidum. *Drupa* exsucca, 1-sperma.

1. S. foliis basi triquetris lateribus concavis, pedunculo communi ramoso, stigmate lineari. *Willden. sp. pl.* 4. *p.* 199. *Curtis lond.* *Engl. bot.* 744. *ramosum.*
Branch'd Bur-reed.
Nat. of Britain.
Fl. July and August. H. ♃.

2. S. foliis basi triquetris lateribus planis, pedunculo communi simplici, stigmate lineari. *Willden. sp. pl.* 4. *p.* 199. *Curtis lond. Engl. bot.* 745. *Fl. dan.* 932. *simplex.*
Unbranch'd Upright Bur-reed.
Nat. of Britain.
Fl. July and August. H. ♃.

3. S. foliis decumbentibus planis, pedunculo communi simplici, stigmate ovato brevissimo, capitulo masculino subsolitario. *Willden. sp. pl.* 4. *p.* 200. *Engl. bot.* 273. *natans.*
Floating Bur-reed.
Nat. of England.
Fl. July. H. ♃.

ZEA. *Gen. pl.* 1403.

Masc. in distinctis spicis. *Cal.* gluma 2-flora, mutica. *Cor.* Gluma mutica.

Fem. *Cal.* Gluma 2-valvis. *Cor.* Gluma 2-valvis. *Styl.* 1, filiformis, pendulus. *Sem.* solitaria, receptaculo oblongo immersa.

1. Z. foliis integerrimis. *Willden. sp. pl.* 4. *p.* 200. *Schkuhr handb.* 3. *p.* 224 & 283. *Mays.*

Indian Corn, or Maize.
Nat. of America.
Cult. 1562. *Turn. herb. part* 2. *fol.* 58.
Fl. June and July. H. ⊙.

TRIPSACUM. *Gen. pl.* 1404.

Masc. *Cal.* Gluma 2-flora: exteriore masculo; interiore neutro. *Cor.* Gluma membranacea.
Fem. *Cal.* Gluma uniflora, involucro tecta 1-phyllo, sinubus perforato. *Cor.* Gluma 2-valvis. *Styl.* 2. *Sem.* 1.

dactyloides. 1. T. spicis ternis aggregatis superne masculis inferne femineis. *Willden. sp. pl.* 4. *p.* 201. *J. Miller illustr.*
Rough-seeded Tripsacum.
Nat. of Virginia.
Introd. before 1640, by Mr. John Tradescant, Jun. *Park. theatr.* 1163. *n.* 9.
Fl. August. H. ♃.

hermaphroditum. 2. T. spica solitaria hermaphrodita flexuosa, spiculis remotiusculis. *Willden. sp. pl.* 4. *p.* 202. *Schkuhr handb.* 3. *p.* 225 & 284.
Hermaphrodite Tripsacum.
Nat. of Jamaica.
Introd. 1776, by Mons. Thouin.
Fl. August and September. S. ⊙.

COIX. *Gen. pl.* 1405.

Masc. in spicis remotis. *Cal.* Gluma 2-flora, mutica. *Cor.* Gluma mutica.
Fem. *Cal.* Gluma 2-flora. *Cor.* Gluma mutica. *Styl.* 2-partitus. *Sem.* calyce ossificato tectum.

Lacryma. 1. C. culmo superne semitereti obtuso, floribus nudis, fructibus ovatis. *Willden. sp. pl.* 4. *p.* 202. *Schkuhr handb.* 3. *p.* 225 & 285.
Job's Tears.
Nat. of the East Indies.

Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June and July. S. ♃.

OLYRA. *Gen. pl.* 1406.

Masc. *Cal.* Gluma 1-flora, subaristata. *Cor.* nulla.
Fem. *Cal.* Gluma 1-flora, patula, ovata, aristata. *Cor.* Gluma 2-valvis, mutica. *Styl.* 2-fidus. *Sem.* cartilagineum.

1. O. culmo ramoso, panicula terminali. *Willden. sp. pl.* 4. *p.* 204. ***paniculata.***
Gramen paniceum majus, spica simplici lævi, granis petiolis insidentibus. *Sloan. jam.* 1. *p.* 107. *t.* 64. *f.* 2.
Broad-leaved Olyra.
Nat. of the West Indies.
Introd. 1783, by William Forsyth, Esq.
Fl. July. S. ♃.

CAREX. *Gen. pl.* 1407.

Masc. *Amentum* imbricatum. *Cal.* squama solitaria. *Cor.* 0.
Fem. *Amentum* imbricatum. *Cal.* squama solitaria. *Cor.* ventricosa, 1-petala, apice 2-dentata. *Stigm.* 2. s. 3. *Nux* triquetra, corolla persistenti inclusa.

1. *Spicis dioicis.*

1. C. spica simplici dioica, stigmatibus binis, fructibus erectiusculis ovatis nervosis superne margine hispidis, foliis culmisque glabris. *Willden. sp. pl.* 4. *p.* 207. *Engl. bot.* 543. *Host gram. austr.* 3. *p.* 51. *t.* 77. ***dioica.***
Common Separate-headed Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

2. C. spica simplici dioica, stigmatibus binis, fructibus recurvatis oblongo-lanceolatis triquetris nervosis ***Davalliana.***

nervosis superne margine scabris, foliis culmisque retrorsum hispidis. *Willden. sp. pl.* 4. *p.* 208. *Engl. bot.* 2123.
Prickly Separate-headed Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

Fraseriana. 3. C. spica simplici androgyna superne mascula, stigmatibus tribus, fructibus ovatis ventricosis divaricatis, culmo vaginato: suprema cucullata foliacea.
Carex Fraseriana. *Botan. magaz.* 1391.
Carex Fraseri. *Andrews's reposit.* 639.
Fraser's Carex.
Nat. of Carolina. Mr. *John Fraser.*
Introd. 1809.
Fl. April—June. H. ♃.

2. *Spica androgyna simplici mutica.*

pauciflora. 4. C. spica androgyna simplici subquadriflora, flore masculo terminali subsolitario, stigmatibus tribus, fructibus lanceolatis teretibus reflexis, squamis femineis caducis. *Willden. sp. pl.* 4. *p.* 211. *Engl. bot.* 2041.
Few-flower'd Carex.
Nat. of Britain.
Fl. June. H. ♃.

pulicaris. 5. C. spica androgyna simplici superne mascula, stigmatibus duobus, fructibus oblongis teretiusculis glabris reflexis utrinque attenuatis squama oblonga persistenti longioribus. *Willden. sp. pl.* 4. *p.* 213. *Engl. bot.* 1051.
Flea Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

3. *Spicis androgynis apice culmi aggregato-capitatis.*

cyperoides. 6. C. spicis androgynis inferne masculis aggregatis globoso capitatis involucratis, stigmatibus binis,

nis, fructibus lanceolatis bicuspidatis. *Willden. sp. pl.* 4. *p.* 215.
Carex cyperoides. *Schkuhr handb.* 3. *p.* 342. *tab. A. f.* 5.
Bohemian Carex.
Nat. of Bohemia.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. H. ♃.

7. C. spicis androgynis superne masculis in capitulum ovatum aggregatis, stigmatibus binis, fructibus ellipticis teretiusculis acuminatis bifidis, squamis ovatis acutis submucronatis. *Willden. sp. pl.* 4. *p.* 217. *fœtida.*
Carex fœtida. *Schkuhr handb.* 3. *p.* 328. *tab. H h. f.* 96.
Stinking Carex.
Nat. of Switzerland.
Introd. 1791, by Professor Allioni.
Fl. July and August. H. ♃.

8. C. spicis androgynis superne masculis in capitulum subrotundo-ovatum aggregatis, stigmatibus binis, fructibus ovatis semiglobosis rostratis ore subintegerrimis, squamis ovatis acutis submucronatis, culmo incurvo. *Willden. sp. pl.* 4. *p.* 217. *Engl. bot.* 927. *incurva.*
Curved Carex.
Nat. of Scotland.
Fl. July and August. H. ♃.

4. *Spicis androgynis pedunculatis.*

9. C. spicis androgynis tribus quinisve pedunculatis confertis inferne masculis: fructiferis nutantibus, stigmatibus tribus, fructibus subrotundo-ovatis breviter rostratis bidentatis, squamis ovatis acutis. *Willden. sp. pl.* 4. *p.* 221. *Engl. bot.* 2044. *atrata.*
Black Carex.

Nat. of Britain.
Fl. June and July. H. ♃.

5. *Spicis androgynis sessilibus alternis.*

arenaria. 10. C. spica androgyna composita: spiculis alternis confertis: superioribus masculis; inferioribus femineis; intermediis apice masculis, stigmatibus binis, capsulis ovatis marginatis bifidis ciliato-serratis, culmo incurvo. *Willden. sp. pl.* 4. *p.* 223. *Engl. bot.* 928. *Svensk bot.* 156.
Sea Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

intermedia. 11. C. spica androgyna composita: spiculis alternis confertis: inferioribus remotiusculis; superioribus et inferioribus femineis; intermediis masculis, stigmatibus binis, fructibus ovatis marginatis bifidis ciliato-serratis, culmo erecto. *Willden. sp. pl.* 4. *p.* 224. *Engl. bot.* 2042.
Soft Brown Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

Schreberi. 12. C. spica androgyna composita: spiculis ovatis alternis confertis inferne masculis, stigmatibus binis, fructibus ovatis bidentatis. *Willden. sp. pl.* 4. *p.* 225. *Host gram. austr.* 1. *p.* 36. *t.* 46.
Schreber's Carex.
Nat. of Germany and Austria.
Introd. about 1800.
Fl. June and July. H. ♃.

ovalis. 13. C. spica androgyna composita: spiculis subsenis subrotundo-ellipticis alternis subapproximatis inferne masculis, stigmatibus binis, fructibus ovatis marginatis bidentatis ciliato-serratis. *Willden. sp. pl.* 4. *p.* 229. *Engl. bot.* 306.
Oval-spiked Carex.

Nat. of Britain.
Fl. June and July. H. ♃.

14. C. spica androgyna composita: spiculis numero- *vulpina.*
sis ternatim quinatimve aggregatis oblongis confertis superne masculis, stigmatibus binis, fructibus ovatis bidentatis compresso-triquetris patentibus; bracteis setaceis. *Willden. sp. pl.* 4. *p.* 231. *Engl. bot.* 307.
Great-spiked Carex.
Nat. of Britain.
Fl. May—August. H. ♃.

15. C. spica decomposita subelongata: partialibus *appressa.*
appressis: inferioribus distinctis, spiculis ovatis apice masculis, squamis acutis, fructibus ovatis plano-convexis utrinque nervosis: marginibus extrorsum denticulatis. *Brown prodr.* 242.
Close-spik'd Carex.
Nat. of New South Wales.
Introd. 1802, by Mr. George Caley.
Fl. May—August. H. ♃.

16. C. spica androgyna composita: spiculis subsenis *divisa.*
ovatis superne masculis interrupte coarctatis, stigmatibus binis, fructibus ovatis bidentatis compressis, bractea foliacea erecta ad basin spiculæ inferioris longitudine spicæ. *Willden. sp. pl.* 4. *p.* 233. *Engl. bot.* 1096. *Gooden. in linn. soc. transact.* 2. *p.* 157. *t.* 19. *f.* 2.
Bracteated Marsh Carex.
Nat. of Britain.
Fl. May—July. H. ♃.

17. C. spica androgyna composita: spiculis ovatis *muricata.*
superne masculis approximatis, stigmatibus binis, fructibus horizontalibus ovatis plano convexis bidentatis basi marginatis; margine ciliato-serratis. *Willden. sp. pl.* 4. *p.* 234. *Engl. bot.* 1097.
Greater Prickly Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

divulsa. 18. C. spica androgyna composita basi subramosa: spiculis ovatis superne masculis approximatis: inferioribus remotis, stigmatibus binis, fructibus erectiusculis ovatis plano-convexis bidentatis marginatis: margine glabris. *Willden. sp. pl.* 4. *p.* 235. *Engl. bot.* 629.
Gray Carex.
Nat. of Britain.
Fl. May. H. ♃.

stellulata. 19. C. spica androgyna composita: spiculis subquaternis remotiusculis inferne masculis, stigmatibus binis, fructibus ovato-acuminatis bidentatis margine ciliato-serratis horizontalibus, squamis ovatis acutis. *Willden. sp. pl.* 4. *p.* 236. *Engl. bot.* 806.
Little Prickly Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

axillaris. 20. C. spica androgyna composita: spiculis alternis; inferioribus subternatis; remotis inferne masculis, stigmatibus binis, fructibus ovatis acuminatis bifidis compressis margine ciliato-serratis squamam æquantibus, bractea ad spiculas inferiores foliacea longissima. *Willden. sp. pl.* 4. *p.* 239. *Engl. bot.* 993. *Gooden. in linn. soc. transact.* 2. *p.* 151. *t.* 19. *f.* 1.
Axillary cluster'd Carex.
Nat. of England.
Fl. May and June. H. ♃.

remota. 21. C. spica androgyna composita: spiculis alternis remotis inferne masculis bracteis foliaceis longissimis suffultis, fructibus ovatis acuminatis bifidis compressiusculis. *Willden. sp. pl.* 4. *p.* 239. *Engl. bot.* 832.
Remote Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

elongata. 22. C. spica androgyna composita: spiculis subduo-

denis alternis approximatis cylindraceis inferne masculis, stigmatibus binis, fructibus ovato-acuminatis emarginatis nervosis patulis squama ovata obtusa longioribus. *Willden. sp. pl.* 4. *p.* 240. *Engl. bot.* 1920.
Elongated Carex.
Nat. of England.
Fl. May and June. H. ♃.

23. C. spica androgyna composita: spiculis subsenis alternis approximatis cylindraceis inferne masculis, stigmatibus binis, fructibus ovatis plano-convexis acutiusculis ore integris erectis squama ovata acuta longioribus. *Willden. sp. pl.* 4. *p.* 241. *Engl. bot.* 1386. *curta.*
White Carex.
Nat. of Britain.
Fl. June. H. ♃.

24. C. spica androgyna composita: spiculis subquinis subrotundis inferne masculis subapproximatis, stigmatibus binis, fructibus subrotundo-ovatis rostratis bidentatis margine ciliato-serratis squama lanceolata majoribus. *Willden. sp. pl.* 4. *p.* 242. *Schkuhr nachtr.* 23. *tab.* Xxx. *fig.* 174. *straminea.*
Slender-stalk'd Carex.
Nat. of North America.
Introd. 1803, by Mr. George Don.
Fl. June and July. H. ♃.

6. *Spicis androgynis sessilibus paniculatis.*

25. C. spicis androgynis coarctato-paniculatis superne masculis, stigmatibus binis, fructibus ovatis bidentatis margine ciliato-serratis, culmo inferne tereti; superne obtuse triquetro. *Willden. sp. pl.* 4. *p.* 244. *Engl. bot.* 1065. *Gooden. in linn. soc. transact.* 2. *p.* 163. *t.* 19. *f.* 3. *teretiuscula.*
Lesser-panicled Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

paniculata. 26. C. spicis androgynis paniculatis superne masculis, stigmatibus binis, fructibus ovatis superne marginatis bidentatis margine ciliato-serratis, culmo triquetro. *Willden. sp. pl.* 4. *p.* 244. *Engl. bot.* 1064. *Fl. dan.* 1116.
Great-panicled Carex.
Nat. of England.
Fl. June and July. H. ♃.

7. *Spicis sexu distinctis: mascula solitaria; femineis subsessilibus, scapo nudo bracteisque membranaceis vaginatis.*

clandestina. 27. C. spica mascula solitaria pedunculata; femineis binis subtrifloris remotis subsessilibus subinclusis, bracteis margine membranaceis obliquis vaginatis, stigmatibus tribus, fructibus obovatis obtusis hirtis. *Willden. sp. pl.* 4. *p.* 254. *Engl. bot.* 2124.
Dwarf silvery Carex.
Nat. of England.
Fl. April and May. H. ♃.

digitata. 28. C. spica mascula solitaria sessili; femineis subternis linearibus remotiusculis, stigmatibus tribus, fructibus obovatis rostratis triquetris pubescentibus squamam obovatam mucronatam æquantibus, bracteis vaginatis obliquis mucronatis margine membranaceis. *Willden. sp. pl.* 4. *p.* 256. *Engl. bot.* 615.
Finger'd Carex.
Nat. of England.
Fl. May and June. H. ♃.

8. *Spicis sexu distinctis: mascula solitaria; femineis sessilibus s. incluse pedunculatis.*

pilulifera. 29. C. spica mascula solitaria; femineis subternis approximatis elliptico-subrotundis sessilibus, stigmatibus tribus, fructibus subrotundis breve-rostratis pubescentibus squama oblonga acuta brevioribus,

vioribus, culmo decumbente. *Willden. sp. pl.* 4. *p.* 259. *Engl. bot.* 885.
Round-headed Carex.
Nat. of Britain.
Fl. April—June. H. ♃.

30. C. spica mascula solitaria; femineis geminis approximatis oblongis sessilibus, stigmatibus tribus, fructibus subgloboso-triquetris pubescentibus squamam ovatam acutam æquantibus. *Willden. sp. pl.* 4. *p.* 262. *Engl. bot.* 1099. *præcox.*
Vernal Carex.
Nat. of Britain.
Fl. April. H. ♃.

31. C. spica mascula solitaria; femineis geminatis cylindraceis subapproximatis sessilibus, stigmatibus tribus, fructibus subrotundis tomentosis squama ovata acuminata majoribus. *Willden. sp. pl.* 4. *p.* 263. *Engl. bot.* 2046. *tomentosa.*
Downy-fruited Carex.
Nat. of England.
Fl. June. H. ♃.

32. C. spica mascula solitaria subsessili; femineis elliptico-subrotundis incluse pedunculatis subternis subapproximatis, bracteis foliaceis longissimis, stigmatibus tribus, fructibus ellipticis bidentatis nervosis squama ovata mucronata majoribus. *Willden. sp. pl.* 4. *p.* 268. *Engl. bot.* 833. *Gooden. in linn. soc. transact.* 2. *p.* 175. *t.* 21. *f.* 7. *extensa.*
Long-bracted Carex.
Nat. of Britain.
Fl. June. H. ♃.

33. C. spica mascula solitaria; femineis subternis subapproximatis ellipticis incluse pedunculatis, stigmatibus tribus, fructibus ovatis reflexis rostratis: rostro curvato bidentato; squama ovato-lanceolata longioribus. *Willden. sp. pl.* 4. *p.* 268. *Engl. bot.* 1294. *Fl. dan.* 1047. *flava.*

Yellow Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

Oederi. 34. C. vaginis abbreviatis pedunculo subæqualibus, spicis femineis subrotundis, fructibus globosis rostratis divaricatis, culmo lævi. *Engl. bot.* 1773.
Carex flava γ. *Willden. sp. pl.* 4. *p.* 269.
Oederian Carex.
Nat. of England.
Fl. June and July. H. ♃.

9. *Spicis sexu distinctis: mascula solitaria, femineis superioribus sessilibus vel incluse pedunculatis; inferioribus pedunculatis.*

fulva. 35. C. spica mascula solitaria; femineis tribus oblongis distantibus: suprema sessili; reliquis pedunculatis, stigmatibus tribus, fructibus ovato-ellipticis rostratis bidentatis squama ovata obtusa majoribus. *Willden. sp. pl.* 4. *p.* 270. *Engl. bot.* 1295. *Gooden. in linn. soc. transact.* 2. *p.* 177. *t.* 20. *f.* 6.
Tawny Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

distans. 36. C. spica mascula solitaria; femineis tribus ovatis distantibus: suprema sessili; reliquis pedunculatis, stigmatibus tribus, fructibus ovatis acuminatis bicuspidatis squamam ovatam acuminatam subæquantibus. *Willden. sp. pl.* 4. *p.* 271. *Engl. bot.* 1234.
Loose Carex.
Nat. of Britain.
Fl. June. H. ♃.

binervis. 37. C. spica mascula solitaria; femineis tribus cylindraceis distantibus: suprema inclusa; reliquis exserto-pedunculatis, stigmatibus tribus, fructibus ellipticis binerviis bicuspidatis squama ob-

tusa mucronata majoribus. *Willden. sp. pl.* 4. *p.* 271. *Engl. bot.* 1235.
Green-rib'd Carex.
Nat. of Britain.
Fl. June. H. ♃.

38. C. spica mascula solitaria; femineis ternis: infima petiolata; elliptico-cylindraceis obtusis, stigmatibus binis, fructibus subglobosis squamam ovatam obtusam æquantibus, bracteis foliaceis sessilibus basi subrotunda membranaceo-auriculatis, culmo scabro. *Willden. sp. pl.* 4. *p.* 273. *Engl. bot.* 2047. *Gooden. in linn. soc. transact.* 2. *p.* 193. *t.* 22. *f.* 10. *rigida.*
Carex saxatilis. *Fl. dan.* 159.
Rigid Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

39. C. spica mascula solitaria; femineis subbinis remotis: infima petiolata; ellipticis, stigmatibus binis, fructibus elliptico-globosis apiculatis ore bidentatis squama oblonga obtusiuscula majoribus, bracteis foliaceis amplexicaulibus. *Willden. sp. pl.* 4. *p.* 274. *Engl. bot.* 2045. *Gooden. in linn. soc. transact.* 3. *p.* 78. *t.* 14. *pulla.*
Russet Carex.
Nat. of Scotland.
Fl. July. H. ♃.

40. C. spica mascula solitaria; femineis tribus distantibus filiformibus: binis inferioribus pedunculatis, stigmatibus tribus, fructibus ovatis inflatis triquetris margine subhispidis apice membranaceo-bilobis squamis ovata submucronata longioribus. *Willden. sp. pl.* 4. *p.* 276. *Mielichhoferi.*
Carex Mielichoferi. *Engl. bot.* 2293.
Loose-spiked Rock Carex.
Nat. of Scotland. *William Borrer,* Esq.
Fl. July and August. H. ♃.

41. C. spica mascula solitaria lineari; femineis ternis *depauperata.*

nis tri- vel quinquefloris remotis: binis inferioribus exserte pedunculatis, stigmatibus tribus, fructibus obovatis inflatis rostratis ore obliquis squama oblonga longioribus. *Willden. sp. pl.* 4. *p.* 278. *Engl. bot.* 1098.
Carex ventricosa. *Curtis lond.*
Starved Wood Carex.
Nat. of England.
Fl. May—July. H. ♃.

anceps. 42. C. spica mascula solitaria; femineis tribus remotis: inferioribus pedunculatis, stigmatibus tribus, fructibus ovatis nervosis ore membranaceis squama oblonga mucronata longioribus. *Willden. sp. pl.* 4. *p.* 278. *Schkuhr nachtr.* 66. *tab. Fff. fig.* 128.
Two-edged American Carex.
Nat. of North America. Mr. *Fr. Masson.*
Introd. 1805.
Fl. July and August. H. ♃.

panicea. 43. C. spica mascula solitaria; femineis subbinis remotiusculis: suprema subincluse pedunculata; infima longe pedunculata, stigmatibus tribus, fructibus ovatis obtusis squama ovata majoribus. *Willden. sp. pl.* 4. *p.* 280. *Engl. bot.* 1505.
Pink-leaved Carex.
Nat. of Britain.
Fl. May—July. H. ♃.

cæspitosa. 44. C. spica mascula solitaria; femineis cylindraceis obtusis subternis distantibus: infima brevissime exserte pedunculata, stigmatibus binis, fructibus ovatis obtusis ore pertusis squama oblonga obtusa majoribus, foliis patulis. *Willden. sp. pl.* 4. *p.* 287. *Engl. bot.* 1507. *Gooden. in linn. soc. transact.* 2. *p.* 195. *t.* 21. *f.* 8.
Tufted Bog Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

45. C. spica mascula solitaria; femineis cylindraceis attenuatis subtribus distantibus: infima brevissime exserte pedunculata, stigmatibus binis, fructibus ovatis acutiusculis ore pertusis squama lanceolata acutiuscula majoribus, foliis strictis. *Willden. sp. pl.* 4. *p.* 287. *Engl. bot.* 914. *Gooden. in linn. soc. transact.* 2. *p.* 196. *t.* 21. *f.* 9. *stricta.*

Glaucous straight-leaved Carex.
Nat. of Britain.
Fl. April and May. H. ♃.

46. C. spica mascula solitaria; femineis subquinis cylindraceis pendulis sessilibus: infima exserta pedunculata, stigmatibus tribus, fructibus ellipticis brevissime rostratis ore bidentatis squamam ovatam submucronatam æquantibus. *Willden. sp. pl.* 4. *p.* 288. *Curtis lond. Engl. bot.* 2315. *pendula.*

Great pendulous Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

47. C. spica mascula solitaria; femineis quaternis pendulis filiformibus distantibus: inferioribus exserte pedunculatis, stigmatibus tribus, capsulis oblongo-lanceolatis nervosis ore oblique truncatis squama ovato-lanceolata longioribus. *Willden. sp. pl.* 4. *p.* 289. *Engl. bot.* 994. *Gooden. in linn. soc. transact.* 2. *p.* 169. *t.* 20. *f.* 4. *strigosa.*

Loose pendulous Carex.
Nat. of England.
Fl. April and May. H. ♃.

10. *Spicis sexu distinctis: spica mascula solitaria; femineis omnibus pedunculatis.*

48. C. spica mascula solitaria; femineis subternis longe pedunculatis cernuis subsexfloris, stigmatibus tribus, fructibus ellipticis rostratis distan- *capillaris.*

tibus ore obliquo; squama ovata longioribus. *Willden. sp. pl.* 4. *p.* 290. *Engl. bot.* 2069.
Capillary Carex.
Nat. of Britain.
Fl. July and August. H. ♃.

pallescens. 49. C. spica mascula solitaria; femineis subternis pedunculatis cernuis ellipticis, stigmatibus tribus, fructibus obovato-oblongis obtusis squamam oblongam cuspidato-mucronatam æquantibus, foliis pubescentibus. *Willden. sp. pl.* 4. *p.* 291. *Engl. bot.* 2185.
Pale Carex.
Nat. of Britain.
Fl. April—June. H. ♃.

ustulata. 50. C. spica mascula solitaria; femineis binis ovatis pedunculatis nutantibus, stigmatibus tribus, fructibus ovatis acuminatis bidentatis compressis squama elliptica longioribus. *Willden. sp. pl.* 4. *p.* 293. *Engl. bot.* 2404.
Scorch'd alpine Carex.
Nat. of Scotland. Mr. *George Don.*
Fl. June and July. H. ♃.

limosa. 51. C. spica mascula solitaria; femineis binis ovatis pedunculatis pendulis, stigmatibus tribus, fructibus ellipticis compresso-triquetris brevissime rostellatis ore integro; squamam ovatam mucronatam æquantibus, bracteis amplexicaulibus. *Willden. sp. pl.* 4. *p.* 293. *Engl. bot.* 2043.
Green and gold Carex.
Nat. of Britain.
Fl. June. H. ♃.

rariflora. 52. C. vaginis abbreviatissimis, spicis femineis sublinearibus pendulis: squamis laxis, fructibus obovatis triquetro-depressis obtusangulis, radice repente. *Engl. bot.* 2516.
Carex limosa, γ (rariflora). *Willden. sp. pl.* 4. *p.* 294.
Loose-flower'd alpine Carex.

Nat. of Scotland. Mr. *George Don.*
Fl. June. H. ♃.

53. C. spica mascula solitaria; femineis tribus cylindricis pedunculatis cernuis distantibus, stigmatibus tribus, fructibus ovatis acuminatis bipartitis squamam oblongo-ovatam mucronatam subæquantibus. *Willden. sp. pl.* 4. *p.* 295. *Engl. bot.* 1387. *lævigata.*
Smooth-stalk'd beak'd Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

54. C. spica mascula solitaria; femineis quaternis geminatis pedunculatis pendulis cylindricis, stigmatibus tribus, fructibus ovato-lanceolatis bicuspidatis reflexis squamam setaceam æquantibus. *Willden. sp. pl.* 4. *p.* 295. *Engl. bot.* 242. *Fl. dan.* 1117. *Pseudo-cyperus.*
Bastard Cyperus Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

55. C. vaginis pedunculo duplo brevioribus, spicis filiformibus laxiusculis nutantibus, fructibus ovatis triquetris rostratis. *Smith fl. brit.* 3. *p.* 983. *Engl. bot.* 995. *sylvatica.*
Carex Drymeja. *Willden. sp. pl.* 4. *p.* 296.
Pendulous Wood Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

II. *Spicis sexu distinctis: masculis pluribus.*

56. C. spicis masculis geminatis; femineis cylindricis subternatis pedunculatis pendulis, stigmatibus tribus, fructibus ellipticis obtusis scabriusculis squamam ovato-cuspidatam æquantibus. *Willden. sp. pl.* 4. *p.* 298. *Engl. bot.* 1506. *recurva.*
Glaucous Heath Carex.
Nat. of England.
Fl. May and June. H. ♃.

57. C. spi-

filiformis. 57. C. spicis masculis geminis; femineis geminis ovato-oblongis sessilibus distantibus, stigmatibus tribus, fructibus ellipticis bifurcatis lanatis squamam oblongo-lanceolatam subaristatam æquantibus. *Willden. sp. pl.* 4. *p.* 303. *Engl. bot.* 904. *Gooden. in linn. soc. transact.* 2. *p.* 172. *t.* 20. *f.* 5.
Slender-leaved Carex.
Nat. of Britain.
Fl. June and July. H. ♃.

acuta. 58. C. spicis masculis binis ternisve; femineis subquaternis subpedunculatis subnutantibus cylindraceis remotis, stigmatibus binis, fructibus oblongis brevissime rostellatis: ore integro pertuso; squamam oblongam acutam subæquantibus. *Willden. sp. pl.* 4. *p.* 304. *Engl. bot.* 580.
Carex gracilis. *Curtis lond.*
Slender-spiked Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

paludosa. 59. C. spicis masculis binis; femineis ternis erectis cylindraceis attenuatis: inferioribus pedunculatis, stigmatibus tribus, fructibus ovatis nervosis bidentatis squama lanceolata aristata latioribus eamque æquantibus. *Willden. sp. pl.* 4. *p.* 305. *Engl. bot.* 807.
Carex acuta. *Curtis lond.*
Lesser common Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

riparia. 60. C. spicis masculis tribus; femineis tribus erectis cylindraceis attenuatis: inferioribus pedunculatis, stigmatibus tribus, fructibus ovatis rostratis multinerviis bifurcatis latitudine et longitudine squamæ ovatæ aristatæ. *Willden. sp. pl.* 4. *p.* 306. *Curtis lond. Engl. bot.* 579. *Fl. dan.* 1118.
Great common Carex.

Nat. of Britain.
Fl. April—June. H. ♃.

61. C. spicis masculis tribus; femineis subgeminis pedunculatis cylindraceis, stigmatibus tribus, fructibus oblongis inflatis rostratis bicuspidatis squama lanceolata majoribus, culmo acute triquetro. *Willden. sp. pl.* 4. *p.* 307. *Engl. bot.* 779. *Svensk bot.* 216. *vesicaria.*
Short-spiked Bladder Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

62. C. spicis masculis tribus; femineis binis cylindraceis breve-pedunculatis erectis, stigmatibus tribus, fructibus subglobosis inflatis rostratis bifurcatis squama lanceolata majoribus, culmo obtuse-triquetro. *Willden. sp. pl.* 4. *p.* 308. *Engl. bot.* 780. *ampullacea.*
Slender-beak'd Bladder Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

63. C. spicis masculis binis; femineis tribus oblongis remotis subsessilibus: infima subradicali, stigmatibus tribus, fructibus ovatis compressis bidentatis hirtis margine ciliato-serratis squamam oblongo-lanceolatam æquantibus. *Willden. sp. pl.* 4. *p.* 310. *Sckkuhr nachtr.* 86. *tab. Ddd. fig.* 121. *hordeiformis.*
Barley-form Carex.
Nat. of France.
Introd. 1805, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June and July. H. ♃.

64. C. spicis masculis binis; femineis tribus oblongis remotis: inferioribus breve-pedunculatis, stigmatibus tribus, fructibus oblongis acuminatis hirtis bicuspidatis squama oblonga aristata majoribus, vaginis foliisque subhirtis. *Willden. sp. pl.* 4. *p.* 311. *Engl. bot.* 685. *hirta.*

Hairy Carex.
Nat. of Britain.
Fl. May and June. H. ♃.

COMPTONIA. *Gen. pl.* 1764.

MASC. *Amentum.* *Cal.* squama. *Cor.* 2-petala. *Filam.* bifurca.
FEM. *Amentum.* *Cal.* squama. *Cor.* 6-petala. *Styli* 2. *Nux* ovata.

asplenifolia. 1. COMPTONIA. *Willden. sp. pl.* 4. *p.* 320.
Myrtus brabanticæ affinis americana, foliorum laciniis asplenii modo divisis. *Pluk. alm.* 260. *t.* 100. *f.* 6, 7.
Fern-leaved Comptonia.
Nat. of North America.
Cult. 1714, by the Duchess of Beaufort. *Br. Mus. H. S.* 141. *fol.* 37.
Fl. March—May. H. ♄.

AXYRIS. *Gen. pl.* 1409.

MASC. *Cal.* 3-partitus. *Cor.* 0.
FEM. *Cal.* 5-phyllus. *Cor.* 0. *Styl.* 2. *Sem.* 1.

amaranthoides. 1. A. foliis ovatis, caule erecto, spicis simplicibus. *Willden. sp. pl.* 4. *p.* 320. *Schkuhr handb.* 3. *p.* 227. *t.* 285.
Simple-spiked Axyris.
Nat. of Siberia.
Cult. 1758, by Mr. Philip Miller.
Fl. June and July. H. ☉.

hybrida. 2. A. foliis ovatis, caule erecto, spicis paniculatis. *Willden. sp. pl.* 4. *p.* 321. *Schkuhr handb.* 3. *p.* 227. *t.* 285. b.
Bastard Axyris.
Nat. of Siberia.
Introd. 1780, by Daniel Charles Solander, LL.D.
Fl. July and August. H. ☉.

3. A. fo-

3. A. foliis obovatis, caule subdiviso, floribus capitatis. *Willden. sp. pl.* 4. *p.* 321. *prostrata.*
Axyris herbacea, floribus capitatis. *Gmel. sib.* 3. *p.* 24. *t.* 4. *f.* 2.
Trailing Axyris.
Nat. of Siberia.
Introd. 1798, by Mr. John Hunnemann.
Fl. July and August. H. ⊙.

TRAGIA. *Gen. pl.* 1410.

MASC. *Cal.* 3-partitus. *Cor.* 0.
FEM. *Cal.* 5-partitus. *Cor.* 0. *Styl.* 3-fidus. *Caps.* 3-cocca, 3-locularis. *Sem.* solitaria.

1. T. foliis cordatis ovatis acuminatis serratis glabriusculis, petiolis ciliatis, foliolis calycinis femineis indivisis hirtis, caule scandente. *Willden. sp. pl.* 4. *p.* 322. *volubilis.*
Tragia volubilis. *Trew pl. rar.* 2. *p.* 7. *t.* 15.
Twining Tragia.
Nat. of the West Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.*
Fl. June and July. S. ♄.

2. T. foliis hispidis ovatis acuminatis serratis, foliolis calycinis femineis pinnatifidis setoso-hispidis, caule scandente. *Willden. sp. pl.* 4. *p.* 324. *involucrata.*
Tragia involucrata. *Jacqu. ic.* 1. *t.* 190.
Involucred Tragia.
Nat. of the East Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. June and July. S. ⊙.

3. T. foliis lanceolatis sessilibus obtusis apice subdentatis cauleque erecto ramoso pubescentibus. *Willden. sp. pl.* 4. *p.* 325. *urens.*
Ricinus parvus urens, foliis quercinis, virginianus. *Pluk. alm.* 329. *t.* 107. *f.* 5.
Stinging Tragia.
Nat. of Virginia.

Introd. 1699, by the Rev. John Banister. *Moris. hist.* 3. *p.* 349. *n.* 22.
Fl. August. S. ⊙.

Chamælea. 4. T. foliis lineari-lanceolatis petiolatis obtusis mucronatis, caule ramoso diffuso, capsularum valvulis dorso denticulatis. *Willden. sp. pl.* 4. *p.* 326.
Cadi avanacu. *Rheed. mal.* 2. *p.* 63. *t.* 34.
Lance-leaved Tragia.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart, K.B.
Fl. June and July. S. ⊙.

cannabina. 5. T. foliis profunde trilobis dentatis: lobo intermedio elongato, caule erecto. *Willden. sp. pl.* 4. *p.* 326.
Croton hastatum. *Burm. ind.* 205. *t.* 63. *f.* 1.
Hemp-leaved Tragia.
Nat. of the East Indies.
Cult. before 1699, by Charles Dubois, Esq. *Moris. hist.* 3. *p.* 348. *n.* 14.
Fl. June and July. S. ♃.

HERNANDIA. *Gen. pl.* 1411.

Masc. *Cal.* 3-partitus. *Cor.* 3-petala.
Fem. *Cal.* truncatus, integerrimus. *Cor.* 6-petala. *Drupa* cava, ore aperta: *nucleo* mobili.

sonora. 1. H. foliis peltatis. *Willden. sp. pl.* 4. *p.* 327.
Nux vesicaria oleosa, foliis umbilicatis. *Pluk. alm.* 266. *t.* 208. *f.* 1.
Jack in a Box.
Nat. of the West Indies.
Cult. 1693, in Chelsea Garden. *Br. Mus. Sloan. Mss.* 3343.
Fl. S. ♄.

TETRANDRIA.

AUCUBA. *Gen. pl.* 1414.

MASC. *Cal.* 4-dentatus. *Cor.* 4-petala. *Recept.* foramine quadrato pertusum.
FEM. *Cal.* 4-dentatus. *Cor.* 4-petala. *Germen* inferum. *Styl.* 1, brevis. *Nux* ovata, 1-locularis.

1. AUCUBA. *Willden. sp. pl.* 4. *p.* 328. *Botan. magaz.* 1197. *japonica.*
Japan Aucuba or Gold-plant.
Nat. of Japan.
Introd. 1783, by Mr. John Græffer.
Fl. May—July. H. ♄.

SERPICULA. *Gen. pl.* 1413.

MASC. *Cal.* 4-dentatus. *Cor.* 4-petala.
FEM. *Cal.* 4-partitus. *Pericarp.* Nux tomentosa.

1. S. monoica, floribus tetrandris, foliis alternis lineari-lanceolatis integerrimis scabris. *Willden. sp. pl.* 4. *p.* 329. *repens.*
Creeping Serpicula.
Nat. of the Cape of Good Hope. Mr. *Fr. Másson.*
Introd. 1789.
Fl. July and August. G. H. ♃.

LITTORELLA. *Gen. pl.* 1415.

MASC. *Cal.* 4-phyllus. *Cor.* 4-fida. *Stam.* longa.
FEM. *Cal.* 0. *Cor.* obsolete 3-fida. *Styl.* longus. *Nux* 1-sperma.

1. LITTORELLA. *Willden. sp. pl.* 4. *p.* 330. *Engl. bot.* 468. *lacustris.*
Plantain Shore-weed.
Nat. of Britain.
Fl. June—August. H. ♃.

CICCA. *Gen. pl.* 1417.

Masc. *Cal.* 4-phyllus. *Cor.* 0.
Fem. *Cal.* 4-phyllus. *Cor.* 0. *Styli* 4. *Caps.* 4-cocca non dehiscens subcarnosa.

disticha. 1. C. foliis pinnatis: foliolis oblongis, racemis lateralibus. *Willden. sp. pl.* 4. *p.* 332.
Phyllanthus longifolius. *Jacqu. hort. schœnbr.* 2. *p.* 36. *t.* 194.
Long-leaved Cicca.
Nat. of the East Indies.
Cult. 1796, by R. A. Salisbury, Esq. *Salisb. prodr.* 318.
Fl. S. ♄.

EMPLEURUM. *Gen. pl.* 1765.

Masc. *Cal.* 4-fidus. *Cor.* nulla.
Fem. *Cal.* 4-fidus, inferus. *Cor.* 0. *Stigma* cylindraceum, denticulo laterali germinis insidens. *Caps.* latere dehiscens. *Sem.* 1, arillatum.

serrulatum. 1. Empleurum. *Willden. sp. pl.* 4. *p.* 333. *Smith exot. bot.* 2. *p.* 7. *t.* 63.
Cape Empleurum.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June and July. G. H. ♄.

ALNUS. Betula. *Gen. pl.* 1419.

Masc. *Amentum* receptaculis cuneiformibus truncatis trifloris compositum. *Cal.* squama. *Cor.* 4-partita.
Fem. *Amentum.* *Cal.* squamæ 2-floræ. *Cor.* 0. *Sem.* compressa, ovata, nuda.

glutinosa. 1. A. foliis subrotundo-cuneatis obtusis subretusis glutinosis; axillis venarum subtus villosis. *Willden. sp. pl.* 4. *p.* 334.
α. Betula Alnus. *Engl. bot.* 1508. *Svensk bot.* 128.
Common Alder.

β. Alnus foliis oblongis pinnatifidis: laciniis acutis. laciniata.
Willden. arb. 44.
Cut-leaved Alder.
Nat. of Britain.
Fl. March and April. H. ♄.

2. A. foliis ellipticis obtusiusculis glutinosis; axillis venarum subtus nudis. *Willden. sp. pl.* 4. *p.* 335. *oblongata.*
α. foliis oblongis.
Oblong-leaved Turkey Alder.
β. foliis ellipticis.
Oval-leaved Turkey Alder.
Nat. of the South of Europe.
Cult. 1730. *Hort. angl.* 5. *n.* 2.
Fl. July. H. ♄.

3. A. foliis oblongis acutis subtus pubescentibus; axillis venarum nudis, stipulis lanceolatis. *Willden. sp. pl.* 4. *p.* 335. *incana.*
Alnus altera. *Clus. hist.* 1. *p.* 12.
α. foliis subtus glaucis, petiolis rubris. glauca.
Glaucous-leaved hoary Alder.
β. foliis subtus viridibus, petiolis viridibus. angulata.
Elm-leaved hoary Alder.
Nat. of Europe.
Introd. 1780, by John Bush, Esq.
Fl. June. H. ♄.

4. A. foliis oblongis acutis basi rotundatis; petiolis venisque subtus pilosis; axillis venarum nudis, stipulis ovato-oblongis. *Willden. sp. pl.* 4. *p.* 336. *undulata.*
Curl-leaved Alder.
Nat. of North America.
Introd. 1782, by the Hudson's Bay Company.
Fl. May and June. H. ♄.

5. A. foliis obovatis acuminatis; venis et axillis venarum subtus pilosis, stipulis ellipticis obtusis. *Willden. sp. pl.* 4. *p* 336. *serrulata.*
Betula serrulata. *Abbot's insects* 2. *t.* 183. *t.* 92.

Notch'd-leaved Alder.
Nat. of North America.
Cult. 1769, by Peter Collinson, Esq.
Fl. H. ♄.

BUXUS. *Gen. pl.* 1420.

MASC. *Cal.* 3-phyllus. *Pet.* 2. *Germinis* rudimentum.
FEM. *Cal.* 4-phyllus. *Pet.* 3. *Styl.* 3. *Caps.* 3-rostris, 3-locularis. *Sem.* 2.

sempervirens. 1. B. foliis ovatis, petiolis margine pilosiusculis, antheris ovato-sagittatis. *Willden. sp. pl.* 4. *p.* 337. *Engl. bot.* 1341.
arborescens. α. Buxus arborescens, foliis ovatis. *Mill. dict.*
Common Box Tree.
angustifolia. β. Buxus arborescens, foliis lanceolatis. *Mill. dict.*
Narrow-leaved Box Tree.
suffruticosa. γ. Buxus humilis, foliis orbiculatis. *Mill. dict.*
Dwarf Box.
Nat. of England.
Fl. April. H. ♄.

balearica. 2. B. foliis oblongis, petiolis glabris, antheris sagittato-linearibus. *Willden. sp. pl.* 4. *p.* 337.
Minorca Box Tree.
Nat. of the Balearic Islands.
Cult. before 1780, by John Fothergill, M. D. *Hort. Upton.* 20.
Fl. July. H. ♄.

PACHYSANDRA. *Michaux amer.* 2. *p.* 177.

MASC. *Cal.* 4-phyllus. *Cor.* 0.
FEM. *Cal.* 4-phyllus. *Cor.* 0. *Styl.* 3. *Caps.* 3-cornis, 3-locularis. *Sem.* 2.

procumbens. 1. PACHYSANDRA. *Willden. sp. pl.* 4. *p.* 339. *Michaux amer.* 2. *p.* 178. *t.* 45.
Trailing Pachysandra.
Nat. of North America.

Introd. 1800, by Messrs. Fraser.
Fl. March and April. H. ♃.

BŒHMERIA. *Gen. pl.* 1421.

Masc. *Cal.* 4-partitus. *Cor.* 0. *Nect.* 0.
Fem. *Cal.* 0. *Cor.* 0. *Styl.* 1. *Sem.* 1.

1. B. foliis oppositis ovato-oblongis acuminatis dentatis glabris, floribus dioicis, spicis masculis glomeratis interruptis; femineis cylindricis, caule herbaceo. *Willden. sp. pl.* 4. *p.* 340. *cylindrica.*
Urtica racemosa humilior iners. *Sloan. jam.* 1. *p.* 124. *t.* 82. *f.* 2.
Cylindrical Bœhmeria.
Nat. of Virginia and the West Indies.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Urtica 6.
Fl. June—August. H. ♃.

2. B. foliis alternis oblongis utrinque attenuatis integerrimis, spicis axillaribus glomeratis interruptis ramosis, caule fruticoso, ramis pilosis. *Willden. sp. pl.* 4. *p.* 344. *rubescens.*
Bœhmeria rubescens. *Jacq. fragm. p.* 8. *t.* 5. *f.* 1.
Tree Bœhmeria.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. February—May. G. H. ♄.

URTICA. *Gen. pl.* 1422.

Masc. *Cal.* 4-phyllus. *Cor.* 0. *Nectar.* centrale, cyathiforme.
Fem. *Cal.* 2-valvis. *Cor.* 0. *Sem.* 1, nitidum.

* *Oppositifoliæ.*

1. U. foliis oppositis ovatis serratis, amentis fructiferis globosis. *Willden. sp. pl.* 4. *p.* 347. *Engl. bot.* 148. *pilulifera.*
Roman Nettle.

Nat. of England.
Fl. June—August. H. ⊙.

balearica. 2. U. foliis oppositis cordatis serratis, amentis fructiferis globosis. *Willden. sp. pl.* 4. *p.* 347.
Balearic Nettle.
Nat. of the Balearic Islands.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 5.
Fl. June and July. H. ⊙.

Dodartii. 3. U. foliis oppositis ovatis subintegerrimis, amentis fructiferis globosis. *Willden. sp. pl.* 4. *p.* 347.
Urtica altera pilulifera, parietariæ foliis. *Dodart. mem.* 131.
Dodart's Nettle.
Nat. of the South of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 362. *n.* 7.
Fl. July and August. H. ⊙.

grandifolia. 4. U. foliis oppositis subrotundo-ovatis acuminatis grosse serratis, stipulis ellipticis integerrimis, corymbis pedunculatis ramosissimis longitudine foliorum. *Willden. sp. pl.* 4. *p.* 349.
Urtica iners racemosa sylvatica, folio nervoso. *Sloan. jam.* 1. *p.* 124. *t.* 83. *f.* 2.
Great-leaved Nettle.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July and August. S. ♄.

reticulata. 5. U. foliis oppositis oblongis acutis trinerviis apice serratis subtus reticulatis crassiusculis, corymbis folio brevioribus. *Willden. sp. pl.* 4. *p.* 351.
Net-leaved Nettle.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. most part of the summer. S. ♄.

6. U. hir-

6. U. hirsuta tota, foliis oppositis oblongis trinerviis serratis, stipulis subrotundis persistentibus, racemis terminalibus, caule suffrutescente. *Willden. sp. pl.* 4. *p.* 352. *rufa.*
Rusty Nettle.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June—September. S. ♄.

7. U. foliis oppositis ellipticis subquinquenerviis argute serratis, spicis glomeratis geminatis. *Willden. sp. pl.* 4. *p.* 352. *Curtis lond. Engl. bot.* 1236. *Svensk bot.* 206. *urens.*
Small Nettle.
Nat. of Britain.
Fl. June—October. H. ⊙.

8. U. foliis oppositis cordatis ovato-lanceolatis grosse serratis, floribus dioicis, spicis paniculatis glomeratis geminatis petiolo longioribus. *Willden. sp. pl.* 4. *p.* 352. *Curtis lond. Engl. bot.* 1750. *Svensk bot.* 68. *dioica.*
Great Nettle.
Nat. of Britain.
Fl. July—September. H. ♃.

9. U. foliis oppositis tripartitis inciso-pinnatifidis, paniculis geminatis. *Willden. sp. pl.* 4. *p.* 355. *cannabina.*
Urtica foliis profunde laciniatis, semine lini. *Amman. ruthen.* 249. *t.* 25.
Hemp-leaved Nettle.
Nat. of Siberia.
Cult. 1749, by Mr. Ph. Miller. *R. S. n.* 1398.
Fl. July—September. H. ♃.

10. U. foliis oppositis oblongis trinerviis rugosis, racemulis terminalibus, caule simplici erecto. *Willden. sp. pl.* 4. *p.* 355. *rugosa.*
Rough-leaved Nettle.
Nat. of Jamaica. Messrs. Wiles and Smith.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. May—July. S. ♂.

nudicaulis. 11. U. foliis subterminalibus oppositis oblongis acuminatis integerrimis trinerviis, caule anguloso inferne nudo racemifero, floribus dioicis. *Willden. sp. pl.* 4. *p.* 356.
Naked-stalk'd Nettle.
Nat. of Jamaica. Messrs. Wiles and Smith.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. May and June. S. ♄.

gracilis. 12. U. foliis oppositis ovato-lanceolatis nudiusculis, caule petiolisque hispidis, racemis geminis. *Willden. sp. pl.* 4. *p.* 356.
Slender-stalk'd Nettle.
Nat. of Hudson's Bay.
Introd. 1782, by the Hudson's Bay Company.
Fl. June—August. H. ♃.

Parietaria. 13. U. foliis oppositis ovato-lanceolatis integerrimis, caule ramosissimo, floribus dioicis. *Willden. sp. pl.* 4. *p.* 357.
Parietaria foliis ex adverso nascentibus, urticæ racemiferæ flore. *Sloan. jam.* 1. *p.* 144. *t.* 93. *f.* 1.
Pellitory-leaved Nettle.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July—September. S. ♄.

microphylla. 14. U. foliis ovatis acutis integerrimis minoribus ovatis oppositis et intermixtis, floribus dioicis, caulibus simpliciusculis adscendentibus. *Willden. sp. pl.* 4. *p.* 359.
Herniaria lucida aquatica. *Sloan. jam.* 1. *p.* 145. *t.* 93. *f.* 2.
Small-leaved Nettle.
Nat. of the West Indies.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. April and May. S. ♃.

** *Alternifoliæ.*

15. U. foliis alternis cordatis, racemis dichotomis, fructibus orbiculato-corymbosis. *Willden. sp. pl.* 4. *p.* 362. *Jacqu. hort. schœnbr.* 3. *p.* 72. *t.* 388. *æstuans.*
Surinam Nettle.
Nat. of Surinam.
Introd. 1803, by purchase from the Captors of a French vessel.
Fl. June and July. S. ♂.

16. U. foliis alternis ovatis acuminatis serratis, racemis paniculatis divaricatis: inferioribus masculis sessilibus; superioribus pedunculatis femineis. *Willden. sp. pl.* 4. *p.* 365. *Schkuhr handb.* 3. *p.* 235. *t.* 289. *canadensis.*
Canada Nettle.
Nat. of Canada and Siberia.
Cult. 1656, by Mr. John Tradescant, jun. *Mus. Tradesc.* 177.
Fl. August—October. H. ♃.

17. U. foliis alternis subrotundo-ovatis acuminatis dentatis basi attenuatis integerrimis subtus tomentosis. *Willden. sp. pl.* 4. *p.* 366. *Jacqu. hort. vindob.* 2. *p.* 78. *t.* 166. *nivea.*
Chinese, or white-leaved Nettle.
Nat. of China and India.
Cult. 1739, by Mr. Philip Miller. *Rand chels. n.* 7.
Fl. August and September. G. H. ♃.

18. U. foliis alternis cordatis dentatis aculeatis, caule fruticoso, calycibus femineis baccatis. *Willden. sp. pl.* 4. *p.* 367. *Andrews's reposit.* 454. *baccifera.*
Berry-bearing Nettle.
Nat. of South America. Mr. Alex. Anderson.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July and August. S. ♄.

DIOTIS. *Gen. pl.* 1423.

Masc. *Cal.* 4-phyllus. *Cor.* 0.
Fem. *Cal.* 1-phyllus, bicornis. *Styl.* 2-partitus. *Sem.* 1. basi villosum, calyce bicorni tectum.

Ceratoides. 1. Diotis. *Willden. sp. pl.* 4. *p.* 368.
Axyris ceratoides. *Jacqu. ic.* 1. *t.* 189.
Shrubby Diotis.
Nat. of Siberia.
Introd. 1780, by Chevalier Pallas.
Fl. August. H. ♄.

MORUS. *Gen. pl.* 1424.

Masc. *Cal.* 4-partitus. *Cor.* 0.
Fem. *Cal.* 4-phyllus. *Cor.* 0. *Styli* 2. *Cal.* baccatus. *Sem.* 1.

alba. 1. M. foliis profunde cordatis basi inæqualibus ovatis lobatisve inæqualiter serratis læviusculis. *Willden. sp. pl.* 4. *p.* 368. *Schkuhr handb.* 3. *p.* 237. *t.* 290.
White Mulberry Tree.
Nat. of China.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June. H. ♄.

tatarica. 2. M. foliis læviter cordatis basi æqualibus ovatis lobatisve æqualiter serratis lævibus. *Willden. sp. pl.* 4. *p.* 369.
Morus tatarica. *Pallas ross.* 2. *p.* 9. *t.* 52.
Tartarian Mulberry Tree.
Nat. of Tartary.
Introd. 1784, by Mr. Conrad Loddiges.
Fl. June. H. ♄.

nigra. 3. M. foliis cordatis ovatis lobatisve inæqualiter den-

tatis scabris. *Willden. sp. pl.* 4. *p.* 369. *Poit. et Turp. arbr. fruit.* 20.
Common Mulberry Tree.
Nat. of Italy.
Cult. before 1548. *Turner's names of herbes, sign. Ev.*
Fl. June. H. ♄.

4. M. foliis cordatis ovatis acuminatis trilobisve æqualiter serratis scabris subtus pubescenti-mollibus, spicis femineis cylindricis. *Willden. sp. pl.* 4. *p.* 369. *Poit. et Turp. arbr. fruit.* 69. *rubra.*
Red Mulberry Tree.
Nat. of North America.
Cult. 1629. *Park. paradis.* 596. *n.* 3.
Fl. June and July. H. ♄.

5. M. foliis oblongis basi hinc productioribus, spinis axillaribus solitariis. *Willden. sp. pl.* 4. *p.* 371. *tinctoria.*
Morus quæ Tata-iba. *Plum. ic.* 199. *t.* 204.
Dyer's Mulberry, or Fustick-wood.
Nat. of Jamaica and Brazil.
Cult. before 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Addenda.
Fl. S. ♄.

PENTANDRIA.

NEPHELIUM. *Gen. pl.* 1425.

MASC. *Cal.* 5-dentatus. *Cor.* 0.
FEM. *Cal.* 4-fidus. *Cor.* 0. *Germ.* 2. *Styli* 2. singulis. *Drupæ* siccæ, 2, muricatæ, 1-spermæ.

1. NEPHELIUM. *Willden. sp. pl.* 4. *p.* 372. *Lamarck. illustr. t.* 764. *lappaceum.*
Bur-seeded Nephelium.
Nat. of the East Indies.
Introd. 1809, by A. B. Lambert, Esq.
Fl. S. ♄.

SCHISAN-

SCHISANDRA. *Michaux amer.* 2. *p.* 218.

Masc. *Cal.* 9 phyllus, in triplici fere serie positus. *Cor.* 0. *Anth.* subsessiles apice cohærentes.
Fem. *Cal.* maris. *Cor.* 0. *Pist.* numerosa, capitata. *Baccæ* 1-spermæ, receptaculo filiformi elongato insertæ.

coccinea. 1. S. glabra, foliis lanceolato-ovalibus utrinque acutis rariter subdentatis. *Willden. sp. pl.* 4. *p.* 372. *Botan. magaz.* 1413.
Scarlet-flower'd Schisandra.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. June and July. H. ♄.

XANTHIUM. *Gen. pl.* 1426.

Masc. *Cal.* communis imbricatus. *Cor.* 1-petalæ, 5-fidæ, infundibulif. *Recept.* paleaceum.
Fem. *Cal.* involucrum 2-phyllum, 1-florum. *Cor.* 0. *Drupa* sicca, muricata, 2-fida. *Nux* 2-locul.

Strumarium. 1. X. caule inermi, foliis cordatis trinervatis. *Willden. sp. pl.* 4. *p.* 373. *Engl. bot.* 2544.
Small Burdock.
Nat. of England.
Fl. July—September. H. ☉.

orientale. 2. X. caule inermi, foliis cuneiformi-ovatis subtrilobis. *Willden. sp. pl.* 4. *p.* 373. *Schkuhr handb.* 3. *p.* 239. *t.* 291.
Oriental Xanthium.
Nat. of China, Japan, and Ceylon.
Introd. 1685, by Sir Hans Sloane, Bart. *Raj. hist.* 1. *p.* 165. *n.* 2.
Fl. July and August. S. ☉.

spinosum. 3. X. spinis ternatis, foliis trilobis. *Willden. sp. pl.* 4. *p.* 374.

Xanthium lusitanicum spinosum. *Herm. paradis.* 246. *cum tab.*
Spiny Xanthium.
Nat. of the South of Europe.
Cult. before 1713, by Bishop Compton. *Philosoph. transact. n.* 337. *p.* 36. *n.* 10.
Fl. July and August. S. ⊙.

AMBROSIA. *Gen. pl.* 1427.

MASC. *Cal.* communis, 1-phyllus. *Cor.* 1-petalæ, 5-fidæ, infundibuliformes. *Recept.* nudum.
FEM. *Cal.* 1-phyllus, integer, ventre 5-dentato, 1-florus. *Cor.* 0. *Nux* e calyce indurato, 1-sperma.

1. A. foliis trilobis serratis. *Willden. sp. pl.* 4. *p.* 375. *trifida.*
Ambrosia virginiana maxima, platani orientalis folio. *Moris. hist.* 3. *p.* 4. *s.* 6. *t.* 1. *f.* 4.
Trifid-leaved Ambrosia.
Nat. of North America.
Cult. before 1699, by Mr. Jacob Bobart. *Moris. loc. cit.*
Fl. July—September. H. ⊙.

2. A. foliis bipinnatifidis glabriusculis, petiolis longe ciliatis, racemis terminalibus paniculatis, caule virgato. *Willden. sp. pl.* 4. *p.* 376. *elatior.*
Ambrosia maritima, foliis artemisiæ inodoris elatior. *Herm. lugdb.* 32. *t.* 35.
Tall Ambrosia.
Nat. of North America.
Cult. 1696, by Mr. Samuel Doody. *Pluk. alm.* 28. *n.* 1.
Fl. July and August. H. ⊙.

3. A. foliis bipinnatifidis subtus canescentibus: summis pinnatifidis, racemis ternis terminalibus, ramis fastigiatis. *Willden. sp. pl.* 4. *p.* 376. *artemisifolia.*

Mugwort-leaved Ambrosia.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 4.
Fl. July and August. H. ⊙.

maritima. 4. A. foliis bipinnatifidis obtusis subtus canis, racemis terminalibus solitariis, caule divaricato, ramis villosis. *Willden. sp. pl.* 4. *p.* 377. *Schkuhr handb.* 3. *p.* 240. *t.* 292.
Sea Ambrosia.
Nat. of Italy and the Levant.
Cult. 1570. *Lobel. adv.* 341.
Fl. July and August. H. ⊙.

FRANSERIA. *Cavanill. ic.* 2. *p.* 97.

Masc. *Cal.* communis 1-phyllus, multidentatus. *Cor.* 1-petalæ, tubulosæ, 5-dentatæ. *Recept.* nudum.
Fem. *Cal.* polyphyllus. *Cor.* 0. *Styli.* 4. *Drupa* sicca, 4-locularis, setosa.

artemisioides. 1. F. foliis bipinnatifido-dentatis, petiolis alatis. *Willden. sp. pl.* 4. *p.* 378. *hort. berolin.* 2.
Mugwort-leaved Franseria.
Nat. of Peru.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. Ambrosia 5.
Fl. July—September. G. H. ♄.

ambrosioides. 2. F. foliis ovato-lanceolatis cordatis dentatis, petiolis appendiculatis. *Willden. sp. pl.* 4. *p.* 379.
Franseria ambrosioides. *Cavanill. ic.* 2. *p.* 79. *t.* 200.
Ambrosia-leaved Franseria.
Nat. of Mexico.
Introd. 1796, by the Marchioness of Bute.
Fl. July and August. G. H. ♄.

AMARANTHUS. *Gen. pl.* 1431.

Masc. *Cal.* 3-s. 5-phyllus. *Cor.* 0. *Stam.* 3. s. 5.
Fem. *Cal.* maris. *Cor.* 0. *Styli* 3. *Caps.* 1-locularis, circumscissa. *Sem.* 1.

* *Triandri.*

1. A. glomerulis axillaribus triandris, foliis lineari-lanceolatis cuneatis retusis, caule ramoso diffuso. *Willden. sp. pl.* 4. *p.* 381. *tenuifolius.*
Fine-leaved Amaranth.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

2. A. glomerulis axillaribus triandris, foliis lineari-lanceolatis acutis mucronatis, caule ramoso erecto. *Willden. sp. pl.* 4. *p.* 381. *angustifolius.*
Narrow-leaved Amaranth.
Nat. of the Levant.
Cult. 1723, in Chelsea garden. *R. S. n.* 58.
Fl. July and August. H. ⊙.

3. A. glomerulis axillaribus triandris, foliis obovatis retusis, caule tetragono simplici. *Willden. sp. pl.* 4. *p.* 382. *albus.*
Amaranthus albus. *Willden. amaranth.* 9. *t.* 1. *f.* 2.
White Amaranth.
Nat. of North America.
Introd. 1778, by Mons. Thouin.
Fl. July and August. H. ⊙.

4. A. glomerulis axillaribus triandris, floribus trifidis, foliis obovatis emarginatis, caule teretiusculo ramoso. *Willden. sp. pl.* 4. *p.* 382. *Amaranth.* 8. *t.* 4. *f.* 7. *græcizans.*
Pellitory-leaved Amaranth.
Nat. of North America.

Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. July—September. H. ⊙.

melancholicus. 5. A. glomerulis triandris axillaribus pedunculatis subrotundis, foliis ovato-lanceolatis coloratis. *Willden. sp. pl.* 4. *p.* 383. *Amaranth.* 15. *t.* 9. *f.* 18.
Melancholy Amaranth.
Nat. of the East Indies.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 11.
Fl. June—September. H. ⊙.

tricolor. 6. A. glomerulis triandris sessilibus, foliis oblongo-lanceolatis coloratis. *Willden. sp. pl.* 4. *p.* 383.
Amaranthus folio variegato. *Knorr thes.* 2. *tab.* A. 3, 4, 5.
Three-colour'd Amaranth.
Nat. of the East Indies.
Cult. 1548. *Turner's names of herbes, sign. Aviij.*
Fl. June—September. H. ⊙.

bicolor. 7. A. glomerulis triandris sessilibus capitatis, foliis ovatis acuminatis obtusis coloratis. *Willden. sp. pl.* 4. *p.* 384.
Two-colour'd Amaranth.
Nat. of the East Indies. *William Roxburgh*, M. D.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July—September. H. ⊙.

polygamus. 8. A. glomerulis di-triandrisve brevissime spicatis, calycibus bracteisque uncinato-aristatis, foliis oblongo-lanceolatis emarginatis, petiolis foliorum longitudine. *Willden. sp. pl.* 4. *p.* 384.
Blitum indicum album. *Rumph. amb.* 5. *p.* 231. *t.* 82. *f.* 1.
Hermaphrodite Amaranth.
Nat. of the East Indies.

Introd. 1780, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

9. A. glomerulis triandris brevissime spicatis ovatis, foliis ovato-lanceolatis emarginatis. *Willden. sp. pl.* 4. *p.* 384. *Amaranth.* 16. *t.* 6. *f.* 11. *gangeticus.*
Oval-spiked Amaranth.
Nat. of India.
Introd. 1778, by Mons. Thouin.
Fl. July—September. H. ⊙.

10. A. glomerulis subspicatis triandris axillaribus solitariis, foliis rhombeo-subrotundis. *Willden. sp. pl.* 4. *p.* 385. *Amaranth.* 13. *t.* 12. *mangostanus.*
Rhomb-leaved Amaranth.
Nat. of the East Indies.
Introd. 1801, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

11. A. glomerulis triandris laxe spicatis, foliis subcordato-ovatis emarginatis petiolo brevioribus. *Willden. sp. pl.* 4. *p.* 385. *Amaranth.* 21. *t.* 5. *f.* 10. *tristis.*
Round-headed Amaranth.
Nat. of China.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. June—August. H. ⊙.

12. A. glomerulis triandris subspicatis rotundatis, foliis ellipticis retusis, caule erecto. *Willden. sp. pl.* 4. *p.* 386. *Amaranth.* 20. *t.* 1. *f.* 1. *lividus.*
Livid Amaranth.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. July—September. H. ⊙.

13. A. glomerulis triandris axillaribus ramosis, foliis rugosis oblongis obtusissimis emarginatis. *Willden. sp. pl.* 4. *p.* 386. *Amaranth.* 17. *t.* 5. *f.* 9. *oleraceus.*

Eatable Amaranth.
Nat. of the East Indies.
Cult. 1764, by Mr. Philip Miller. *R. S. n.* 2103.
Fl. July and August. H. ⊙.

Blitum. 14. A. glomerulis triandris subspicatis, floribus triphyllis, foliis ovatis retusis, caule diffuso. *Willden. sp. pl.* 4. *p.* 387. *Engl. bot.* 2212.
Wild Amaranth.
Nat. of England.
Fl. July and August. H. ⊙.

prostratus. 15. A. glomerulis triandris spicatis, floribus triphyllis, foliis rhombeo-ovatis obtusiusculis retusis, caule prostrato ramoso. *Willden. sp. pl.* 4. *p.* 387.
Trailing Amaranth.
Nat. of France and Italy.
Cult. 1739, by Mr. Philip Miller. *Rand chels.* Blitum 3.
Fl. July—September. H. ⊙.

viridis. 16. A. glomerulis axillaribus geminatis triandris, floribus masculis triphyllis, foliis ellipticis emarginatis margine undulatis. *Willden. sp. pl.* 4. *p.* 388. *Amaranth.* 18. *t.* 8. *f.* 16.
Green Amaranth.
Nat. of Europe and Brazil.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 16.
Fl. August and September. H. ⊙.

scandens. 17. A. floribus triandris, foliis ovatis, spicis interruptis compositis: spiculis inflexis, caule debili. *Willden. sp. pl.* 4. *p.* 388.
Climbing Amaranth.
Nat. of America.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

deflexus. 18. A. floribus triandris, spica brevissima pauciflora, foliis rhombeo-lanceolatis, capsulis non dehiscentibus. *Willden. sp. pl.* 4. *p.* 338. *Amaranth.* 10. *t.* 10. *f.* 20.

Bending Amaranth.
Nat.
Introd. 1805, by Mr. Holboël.
Fl. July and August. H. ⊙.

19. A. glomerulis triandris triphyllis, floribus femineis infundibuliformibus, foliis rhombeo-ovatis emarginatis. *Willden. sp. pl.* 4. *p.* 389. *Amaranth.* 11. *t.* 6. *f.* 12. *polygonoides.*
Spotted-leaved Amaranth.
Nat. of Jamaica.
Introd. 1778, by Mons. Thouin.
Fl. July and August. H. ⊙.

** *Pentandri.*

20. A. racemis pentandris decompositis congestis erectis, foliis ovato-lanceolatis. *Willden. sp. pl.* 4. *p.* 389. *Amaranth.* 26. *t.* 9. *f.* 17. *hybridus.*
Cluster'd Amaranth.
Nat. of Virginia.
Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Tradesc.* 78.
Fl. June—September. H. ⊙.

21. A. racemis pentandris compositis erectis strictis, foliis ovatis concavis. *Willden. sp. pl.* 4. *p.* 390. *Amaranth.* 27. *t.* 3. *f.* 5. *strictus.*
Upright Amaranth.
Nat.
Introd. 1793, by Mr. John Hunnemann.
Fl. July—September. H. ⊙.

22. A. racemis pentandris supradecompositis, ramis patentibus pubescentibus, foliis ovato-lanceolatis. *Willden. sp. pl.* 4. *p.* 390. *Amaranth.* 32. *t.* 2. *f.* 4. *paniculatus.*
Panicled Amaranth.
Nat. of North America.
Cult. about 1798.
Fl. July and August. H. ⊙.

23. A. racemis pentandris supradecompositis erectis, ramis *sanguineus.*

ramis patentibus glabris, foliis oblongis acutis. *Willden. sp. pl.* 4. *p.* 390. *Amaranth.* 31. *t.* 2. *f.* 3.
Spreading, or Bloody Amaranth.
Nat. of the Bahama Islands.
Cult. 1755, by Mr. Ph. Miller. *Mill. ic.* 1. *p.* 15. *t.* 22.
Fl. July—September. H. ⊙.

retroflexus. 24. A. racemis pentandris supradecompositis confertis erectis, ramis pubescentibus, foliis ovatis undulatis. *Willden. sp. pl.* 4. *p.* 391. *Amaranth.* 33. *t.* 11. *f.* 21.
Hairy Amaranth.
Nat. of Pensylvania.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 14.
Fl. July—September. H. ⊙.

lætus. 25. A. racemis compositis pentandris erectis, foliis ovatis obtusis mucronatis. *Willden. sp. pl.* 4. *p.* 391. *Amaranth.* 28. *t.* 8. *f.* 15.
Blunt-leaved Amaranth.
Nat.
Cult. about 1799.
Fl. July and August. H. ⊙.

flavus. 26. A. racemis pentandris compositis nutantibus, foliis ovato-lanceolatis. *Willden. sp. pl.* 4. *p.* 391. *Amaranth.* 35. *t.* 3. *f.* 6.
Pale Amaranth.
Nat. of India.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. July—September. H. ⊙.

chlorostachys. 27. A. racemis pentandris compositis nutantibus, foliis lanceolatis. *Willden. sp. pl.* 4. *p.* 392. *Amaranth.* 34. *t.* 10. *f.* 19.
Nodding Amaranth.
Nat.
Introd. 1796, by Mr. John Hunnemann.
Fl. July and August. H. ⊙.

28. A. racemis pentandris compositis confertis erectis, foliis oblongo-lanceolatis mucronatis. *Willden. sp. pl.* 4. *p.* 392. *hypochondriacus.*
Prince's Feather, or Amaranth.
Nat. of Virginia.
Cult. before 1684, by Mr. John Ray. *Raj. hist.* 1. *p.* 201. *n.* 2.
Fl. July—September. H. ⊙.

29. A. racemis pentandris decompositis nudis patulis, foliis lanceolato-ovatis. *Willden. sp. pl.* 4. *p.* 392. *cruentus.*
Amaranthus sinensis foliis variis, panicula eleganter plumosa. *Martyn dec.* 6.
Various-leaved Amaranth.
Nat. of China.
Cult. before 1728. *Mart. loc. cit.*
Fl. June—August. H. ⊙.

30. A. racemis pentandris decompositis pendulis, foliis lanceolato-ovatis, caule nutante. *Willden. sp. pl.* 4. *p.* 393. *caudatus.*
Blitum majus peruvianum. *Clus. hist.* 2. *p.* 81.
α. Amaranthus caudatus. *Mill. dict.*
Pendulous Amaranth, or Love-lies-bleeding.
β. Amaranthus maximus. *Mill. dict.*
Tree Amaranth.
Nat. of the East Indies.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. August and September. H. ⊙.

31. A. racemis pentandris terminalibus compositis, axillis spinosis. *Willden. sp. pl.* 4. *p.* 393. *Amaranth.* 38. *t.* 4. *f.* 8. *spinosus.*
Prickly Amaranth.
Nat. of both Indies.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 51. *n.* 5.
Fl. July—September. H. ⊙.

HEXANDRIA.

ZIZANIA. *Gen. pl.* 1433.

Masc. *Cal.* 0. *Cor.* Gluma 2-valvis, mutica, femineis mixta.

Fem. *Cal.* 0. *Cor.* Gluma 2-valvis, cucullata, aristata. *Styl.* 2-partitus. *Sem.* 1, corolla plicata vestitum.

aquatica. 1. Z. panicula effusa. *Linn. sp. pl.* 1408. (excluso synonymo Sloanei.) *Lambert. in linn. soc. transact.* 7. *p.* 264. *t.* 13.

Zizania clavulosa. *Willden. sp. pl.* 4. *p.* 394.

Zizania palustris. *Willden. sp. pl.* 4. *p.* 395. *Schreb. gram.* 2. *p.* 54. *t.* 29.

Canada Rice.

Nat. of North America.

Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. July—September. H. ⊙.

PHARUS. *Gen. pl.* 1434.

Masc. *Cal.* Gluma 2-valvis, uniflora. *Cor.* Gluma 2-valvis.

Fem. *Cal.* maris. *Cor.* Gluma 2-valvis, longa, involvens. *Sem.* 1.

latifolius. 1. P. panicula ramosa, glumis muticis lævibus, foliis ovato-lanceolatis. *Willden. sp. pl.* 4. *p.* 396.

Pharus foliis nervosis oblongis obtusis, petiolis ita contortis ut adversa pagina folia semper cœlum respiciant. *Brown. jam.* 344. *t.* 38. *f.* 3.

Broad-leaved Pharus.

Nat. of Jamaica. Mr. Alex. Anderson.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. July and August. S. ♃.

GUETTARDA. *Gen. pl.* 1437.

MASC. *Cal.* cylindricus. *Cor.* 4—7-fida, infundibuliformis.
FEM. *Cal.* cylindricus. *Cor.* 4—7-fida. *Pist.* 1. *Drupa* sicca.

1. G. foliis obovatis acutis subtus pubescentibus, floribus heptandris septemfidis. *Willden. sp. pl.* 4. *p.* 398. *speciosa.*
Great-flowered Guettarda.
Nat. of the East Indies.
Cult. 1771, by Mr. William Malcolm.
Fl. S. ♄.

2. G. foliis subcordatis ovatis acutis scabris subtus tomentosis, floribus hexandris. *Willden. sp. pl.* 4. *p.* 399. *rugosa.*
Rough-leaved Guettarda.
Nat. of the West Indies. Mr. Alex. Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

COCOS. *Gen. pl.* 1692.

Spatha universalis 1-valvis. *Spadix* ramosus.

MASC. *Cal.* 3-phyllus. *Cor.* 3-petala.
FEM. *Cal.* 2-phyllus. *Cor.* 6-petala. *Styl.* 0. *Stigma* fovea. *Drupa* fibrosa.

1. C. inermis, frondibus pinnatis: foliolis replicatis ensiformibus. *Willden. sp. pl.* 4. *p.* 400. *Roxb. corom.* 1. *p.* 52. *t.* 73. *nucifera.*
Tenga. *Rheed. mal.* 1. *p.* 1. *t.* 1—4.
Cocoa-nut Tree.
Nat. of the East Indies.
Introd. 1690, by the Earl of Portland. *Br. mus. Sloan. mss.* 3370.
Fl. S. ♄.

2. C. caudice cylindraceo superne aculeato, frondibus *aculeata.*

bus pinnatis aculeatis. *Willden. sp. pl.* 4. *p.* 401.
Cocos aculeata. *Jacqu. amer.* 278. *t.* 169.
Prickly Cocos.
Nat. of the West Indies.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

fusiformis. 3. C. aculeato-spinosa, caudice fusiformi, frondibus pinnatis, stipitibus spathisque spinosis. *Willden. sp. pl.* 4. *p.* 401.
Great Macaw Tree.
Nat. of Jamaica.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Palma 6.
Fl. S. ♄.

BACTRIS. *Gen. pl.* 1693.

Spatha universalis 1-valvis. *Spadix* ramosus.

MASC. *Cal.* 3-partitus. *Cor.* 3-fida.
FEM. *Cal.* 3-dentatus. *Cor.* 3-dentata. *Stylus* brevissimus. *Stigm.* capitatum. *Drupa* fibroso-succulenta.

minor. 1. B. fructibus subrotundis. *Willden. sp. pl.* 4. *p.* 402. *Jacqu. amer.* 279. *t.* 171. *f.* 1.
Lesser Bactris. Prickly Pole.
Nat. of South America.
Cult. before 1691, by Bishop Compton. *Pluk. phyt.* 103. *f.* 1.
Fl. S. ♄.

ELATE. *Gen. pl.* 1697.

Spatha universalis 2-valvis. *Spadix* ramosus.

MASC. *Cal.* 3-dentatus. *Cor.* 3-petala. *Antheræ* sessiles.
FEM. *Cal.* 3-dentatus. *Cor.* 3-petala. *Stigm.* 3. *Drupa.*

sylvestris. 1. ELATE. *Willden. sp. pl.* 4. *p.* 403.

Katou-indel. *Rheed. mal.* 3. *p.* 15. *t.* 22—25.
Prickly-leaved Elate.
Nat. of the East Indies.
Introd. about 1763, by John Blackburne, Esq.
Fl. April—June. S. ♄.

SAGUS. *Gærtn. sem.* 1. *p.* 27.

Spatha universalis 1-valvis. *Spadix* ramosus.

Masc. *Cal.* 3-phyllus. *Cor.* 0. *Filam.* dilatata.
Fem. *Cal.* 3-phyllus: foliolis binis bifidis. *Cor.* 0. *Stylus* brevissimus. *Stigm.* simplex. *Nux* tessellato-imbricata, 1-sperma.

1. S. ramulis spadicis lævibus. *Willden. sp. pl.* 4. *p.* 401. *Rumphii.*
Metroxylon Sagu. *Rotboll in nye samling af Danske videnskabers selskabs skrifter* 2. *p.* 527. *t.* 1.
Sagus, s. palma farinaria sagu. *Rumph. amb.* 1. *p.* 72. *t.* 17, 18.
Rumphius's Sago Palm.
Nat. of the East Indies.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

POLYANDRIA.

CERATOPHYLLUM. *Gen. pl.* 1439.

Masc. *Cal.* multipartitus. *Cor.* 0. *Stam.* 16—20, brevissima. *Anth.* tricuspidatæ.
Fem. *Cal.* 6-phyllus, imbricatus. *Cor.* 0. *Pist.* 1. *Styl.* filiformis. *Nux* 1-sperma.

1. C. foliis dichotomo-bigeminis, fructibus trispinosis. *Willden. sp. pl.* 4. *p.* 405. *Engl. bot.* 947. *demersum.*
Common Hornwort.
Nat. of Britain.
Fl. July—September. H. ♃.

2. C. fo-

submersum. 2. C. foliis dichotomo-trigeminis, fructibus muticis. *Willden. sp. pl.* 4. *p.* 405. *Engl. bot.* 679.
Unarm'd Hornwort.
Nat. of Britain.
Fl. July—September. H. ♃.

MYRIOPHYLLUM. *Gen. pl.* 1440.

MASC. *Cal.* 4-fidus. *Petala* 4, caduca. *Stam.* 8.
FEM. *Pist.* 4. *Styl.* 0. *Caps.* 4, 1-spermæ.

spicatum. 1. M. foliis omnibus pinnatis capillaceis, spica terminali verticillata nuda. *Willden. sp. pl.* 4. *p.* 406. *Engl. bot.* 83.
Spiked Water-milfoil.
Nat. of Britain.
Fl. June—August. H. ♃.

verticillatum. 2. M. foliis pinnatis capillaceis; superioribus pectinato-pinnatifidis, floribus axillaribus verticillatis. *Willden. sp. pl.* 4. *p.* 407. *Engl. bot.* 218.
Verticillate Water-milfoil.
Nat. of England.
Fl. July. H. ♃.

SAGITTARIA. *Gen. pl.* 1441.

MASC. *Cal.* 3-phyllus. *Cor.* 3-petala. *Filam.* fere 24.
FEM. *Cal.* 3-phyllus. *Cor.* 3-petala. *Pistilla* multa. *Sem.* multa, nuda.

sagittifolia. 1. S. foliis lanceolatis acuminatis sagittatis: lobis lanceolatis rectis, scapo simplici. *Willden. sp. pl.* 4. *p.* 408. *Engl. bot.* 84. *Svensk bot.* 164.
α. Sagitta aquatica major. *Bauh. pin.* 194.
Great Arrow-head.
β. Sagitta aquatica omnium minima. *Raj. syn.* 258.
Small Arrow-head.
Nat. of England.
Fl. June—August. H. ♃.

2. S. foliis ovatis rotundato-obtusis sagittatis: lobis ovatis acuminatis patentibus, scapo paniculato. *Willden. sp. pl.* 4. *p.* 409. *obtusifolia.*
Culitamara. *Rheed. mal.* 11. *p.* 93. *t.* 45.
Blunt-leaved Arrow-head.
Nat. of the East Indies and China. Mr. William Kerr.
Introd. 1804, by the Hon. Court of Directors of the E. I. C. in the Henry Addington, Capt. Kirkpatrick.
Fl. June—August. S. ♃.

3. S. foliis ovatis utrinque attenuatis, scapo inferne ramoso. *Willden. sp. pl.* 4. *p.* 410. *Andrews's reposit.* 333. *lancifolia.*
Lance-leaved Arrow-head.
Nat. of Jamaica and South Carolina.
Introd. 1787, by Mr. John Fraser.
Fl. June and July. S. ♃.

BEGONIA. *Gen. pl.* 1442.

MASC. *Cal.* 0. *Cor.* 4-petala. *Petalis* 2: oppositis majoribus. *Stam.* numerosa.
FEM. *Cal.* 0. *Cor.* 6- s. 4-petala, ut mascula. *Styli* 3, bifidi. *Caps.* infera, triangularis, alata, 3-locularis, polysperma.

1. B. fruticosa erecta, foliis glaberrimis inæqualiter cordatis obsolete dentatis, capsulæ ala maxima subrotunda. *Willden. sp. pl.* 4. *p.* 412. *Salisb. stirp. rar.* 17. *t.* 9. *Paradis.* 72. *nitida.*
Shining-leaved Begonia.
Nat. of Jamaica.
Introd. 1777, by William Brown, M.D.
Fl. May—December. S. ♄.

2. B. fruticosa erecta, foliis inæqualiter cordatis subangulatis denticulatis glabris: subtus ad venas subhirsutis, panicula dichotoma, capsulæ ala maxima acutangula; reliquis parallelis acutangulis. *Willden. sp. pl.* 4. *p.* 412. *dichotoma.*

Begonia dichotoma. *Jacqu. ic.* 3. *t.* 619.
Fork'd Begonia.
Nat. of Caracas.
Introd. 1800, by Mr. Thomas Hoy.
Fl. July and August. S. ♄.

discolor. 3. B. caulescens, foliis inæqualiter cordatis serratis acuminatis, capsulæ alis obtusangulis: una majore.
Begonia Evansiana. *Andrews's reposit.* 627. *Botan. magaz.* 1473.
Tsou Hoy Tong. *Dryander in linn. soc. transact.* 1. *p.* 172. *n.* 3.
Tsieou-hai-tang. *Mem. sur les Chinois par les Mission. de Pe-kin,* 3. *p.* 443.
Autumnal Hai-tang. *Grosier descr. of China,* 1. *p.* 503.
Two-coloured Begonia.
Nat. of China. Mr. William Kerr.
Introd. 1804, by the Hon. Court of Directors of the E. I. C. in the Henry Addington, Capt. Kirkpatrick.
Fl. most part of the Summer. S. ♃.

macrophylla. 4. B. caulescens, foliis inæqualiter cordatis crenato-dentatis: inferioribus angulatis, capsulæ alis obtusangulis: una maxima. *Willden. sp. pl.* 4. *p.* 416.
Begonia purpurea maxima, folio aurito. *Plum. ic.* 34. *t.* 45. *f.* 1.
Large-leaved Begonia.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. most part of the Summer. S. ♄.

acuminata. 5. B. caulescens, foliis hispidis semicordatis acuminatis inæqualiter dentatis, capsulæ ala maxima obtusangula, reliquis acutangulis. *Willden. sp. pl.* 4. *p.* 417. *Dryander in linn. soc. transact.* 1. *p.* 166. *t.* 14. *f.* 5, 6.
Pointed-leaved Begonia.

Nat. of Jamaica.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May—December. S. ♄.

6. B. caulescens erecta, foliis hispidis semicordatis duplicato-serratis, capsulæ alis rotundatis parum inæqualibus. *Willden. sp. pl.* 4. *p.* 417. *Dryander in linn. soc. transact.* 1. *p.* 166. *t.* 15. *humilis.*
Small Begonia.
Nat. of the West Indies. Mr. *Alex. Anderson.*
Introd. 1788, by Messrs. Lee and Kennedy.
Fl. October. S. ♂.

7. B. caulescens, foliis hispidis semicordatis duplicato-serratis, capsulæ ala maxima obtusangula; reliquis parallelis minimis. *Willden. sp. pl.* 4. *p.* 417. *hirsuta.*
Begonia folio aurito crenato, flore albo. *Aubl. guian.* 2. *p.* 913. *t.* 348.
Shaggy-leaved Begonia.
Nat. of the West Indies and Guiana.
Introd. 1789, by Hinton East, Esq.
Fl. May and June. S. ♂.

ACIDOTON. *Gen. pl.* 1443.

Masc. *Cal.* 5-phyllus. *Cor.* 0. *Stam.* 35—40.
Fem. *Cal.* 6-phyllus. *Cor.* 0. *Styl.* 3-fidus. *Caps.* 3-cocca.

1. Acidoton. *Willden. sp. pl.* 4. *p.* 420. *urens.*
Stinging Acidoton.
Nat. of Jamaica. Mr. Chr. Smith.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

THELYGONUM. *Gen. pl.* 1444.

Masc. *Cal.* 2-fidus. *Cor.* 0. *Stam.* fere 12.
Fem. *Cal.* 2-fidus. *Cor.* 0. *Pist.* 1. *Caps.* coriacea, 1-locularis, 1-sperma.

1. Thely-

Cynocrambe. 1. THELYGONUM. *Willden. sp. pl.* 4. *p.* 420. *Schkuhr handb.* 3. *p.* 255. *t.* 299.
Purslane-leaved Thelygonum. Dog's Cabbage.
Nat. of the South of Europe.
Cult. 1710. *Salmon's herb.* 708.
Fl. July. H. ⊙.

POTERIUM. *Gen. pl.* 1445.

MASC. *Cal.* 4-phyllus. *Cor.* 4-partita. *Stam.* 30—50.
FEM. *Cal.* 4-phyllus. *Cor.* 4-partita. *Pist.* 2. *Bacca* e tubo corollæ indurato.

Sanguisorba. 1. P. inerme, caulibus subangulosis. *Willden. sp. pl.* 4. *p.* 421. *Curtis lond. Engl. bot.* 860.
Common Burnet.
Nat. of England.
Fl. July. H. ♃.

polygamum. 2. P. inerme, caulibus angulatis, floribus terminalibus femineis; infimis masculis; intermediis hermaphroditis. *Willden. sp. pl.* 4. *p.* 422. *Waldst. et Kitaib. hung.* 2. *p.* 217. *t.* 198.
Hungarian Burnet.
Nat. of Hungary.
Cult. 1803. *Donn cantab.*
Fl. July and August. H. ♃.

hybridum. 3. P. inerme, caulibus teretibus strictis. *Willden. sp. pl.* 4. *p.* 422.
Pimpinella agrimonoides odorata. *Barrel. ic.* 167. *t.* 632.
Sweet Burnet.
Nat. of France and Italy.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 271. *n.* 2.
Fl. June and July. H. ♃.

caudatum. 4. P. inerme frutescens, ramis teretibus villosis, spicis elongatis laxis. *Willden. sp. pl.* 4. *p.* 423.
Smooth shrubby Burnet.

Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. March and April. G. H. ♄.

5. P. spinosum fruticosum, spinis ramosis; ramis villosis subangulosis, spicis oblongis laxis. *Willden. sp. pl.* 4. *p.* 423. *spinosum.*
Poterium Dalechampii. *Clus. hist.* 1. *p.* 108.
Prickly shrubby Burnet.
Nat. of the Levant.
Cult. before 1595, by Mr. John Gerard. *Ger. herb.* 1148. *f.* 3.
Fl. most part of the Summer. G. H. ♄.

QUERCUS. *Gen. pl.* 1416.

MASC. *Cal.* 5-fidus fere. *Cor.* 0. *Stam.* 5—10.
FEM. *Cal.* 1-phyllus, integerrimus, scaber. *Cor.* 0. *Styli* 2—5. *Nux* coriacea, calyce persistente basi cincta.

1. Q. foliis deciduis lineari-lanceolatis utrinque attenuatis integerrimis glabris mucronatis, nuce subrotunda. *Willden. sp. pl.* 4. *p.* 423. *Phellos.*
Quercus Phellos. *Michaux arb. for.* 1. *p.* 74. *t.* 12.
Quercus Phellos sylvatica. *Mich. querc.* 7. *t.* 12.
Willow-leaved Oak Tree.
Nat. of North America.
Cult. before 1723, by Mr. Thomas Fairchild. *Knowlton Jun. mss.*
Fl. May and June. H. ♄.

2. Q. foliis perennantibus coriaceis lanceolatis integerrimis margine revolutis basi obtusis apice acutis subtus stellatim pubescentibus, nuce oblonga. *Willden. sp. pl.* 4. *p.* 425. *virens.*
Quercus virens. *Mich. querc.* 6. *t.* 10, 11. *Michaux arb. for.* 1. *p.* 67. *t.* 11.
Live Oak Tree.
Nat. of North America.

Cult. 1739, by Mr. Ph. Miller. *Rand chels.* *n.* 9.
Fl. H. ♄.

cinerea. 3. Q. foliis perennantibus coriaceis lanceolatis integerrimis margine revolutis basi attenuatis apice obtusiusculis mucronatis subtus stellatim tomentosis, nuce subrotunda. *Willden. sp. pl.* 4. *p.* 425.
Quercus cinerea. *Mich. querc.* 8. *t.* 14. *Michaux arb. for.* 81. *t.* 14.
Quercus Phellos *β* sericea. *Edit. prior.*
Ash-colour'd silky-leaved Oak Tree.
Nat. of North America.
Cult. before 1789.
Fl. May and June. H. ♄.

laurifolia. 4. Q. foliis oblongis basi attenuatis integerrimis glabris, nuce subrotunda lævi. *Willden. sp. pl.* 4. *p.* 427.
acuta. *α.* foliis apice attenuatis.
Quercus laurifolia. *Mich. querc.* 10. *t.* 17.
Acute Laurel-leaved Oak Tree.
obtusa. *β.* foliis apice obtusis.
Quercus laurifolia, (*hybrida.*) *Mich. querc.* 10. *t.* 18.
Blunt Laurel-leaved Oak Tree.
Nat. of North America.
Introd. 1786, by Mr. John Fraser.
Fl. H. ♄.

imbricaria. 5. Q. foliis oblongis acutis mucronatis integerrimis subtus pubescentibus, nuce subrotunda. *Willden. sp. pl.* 4. *p.* 428.
Quercus imbricaria. *Mich. querc.* 9. *t.* 15, 16. *Michaux arb. for.* 78. *t.* 13.
Tile-cup'd Oak Tree.
Nat. of North America.
Introd. 1786, by Mr. John Fraser.
Fl. H. ♄.

gramuntia. 6. Q. foliis subrotundo-ovatis cordatis subsessilibus

spinoso-dentatis undulatis subtus tomentosis. *Willden. sp. pl.* 4. *p.* 432.
Holly-leaved Oak Tree.
Nat. of the South of France.
Cult. 1730. *Hort. angl.* 41. Ilex 3.
Fl. June. H. ♄.

7. Q. foliis ovato-oblongis indivisis serratisque subtus incanis, cortice integro, nuce ovata. *Willden. sp. pl.* 4. *p.* 433. *Ilex.*
Ilex arborea. *Bauh. hist.* 1. *pars* 2. *p.* 95.
α. foliis lanceolatis integerrimis. integrifolia.
Common Evergreen Oak Tree.
β. foliis lanceolatis serratis. serrata.
Ilex oblongo serrato folio. *Duham. arb.* 1. *p.* 314. *t.* 123.
Notch'd-leaved Evergreen Oak Tree.
γ. foliis ovato-oblongis serrato-denticulatis: denticulis pungentibus. oblonga.
Ilex folio rotundiore molli modiceque sinuato. *Duham. arb.* 1. *p.* 314. *t.* 124.
Long-leaved Evergreen Oak Tree.
Nat. of the South of Europe.
Cult. before 1581, in Whitehall Garden. *Clus. hist.* 1. *p.* 23.
Fl. May and June. H. ♄.

8. Q. foliis ovato-oblongis indivisis serratis subtus tomentosis, cortice rimoso fungoso. *Willden. sp. pl.* 4. *p.* 433. *Evelyn's silva by Hunter, p.* 362. *cum tab.* *Suber.*
Cork Tree.
Nat. of the South of Europe.
Cult. 1699, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 525 & 3349.
Fl. June. H. ♄.

9. Q. foliis oblongis indivisis spinoso-dentatis basi cordatis utrinque glabris, squamis calycis fructus patulis. *Willden. sp. pl.* 4. *p.* 433. *coccifera.*
Ilex aculeata cocciglandifera. *Nissole in act. paris.* 1714. *p.* 435. *t.* 17, 18.

Kermes Oak Tree.
Nat. of the South of Europe and the Levant.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 170. *n.* 2.
Fl. May. H. ♄.

Prinus. 10. Q. foliis obovatis acutis subtus pubescentibus grosse dentatis: dentibus subæqualibus dilatatis apice callosis, calyce fructus basi attenuato, nuce ovata. *Willden. sp. pl.* 4. *p.* 439.
Quercus Prinus palustris. *Mich. querc.* 5. *t.* 6. *Michaux arb. for.* 2. *p.* 51. *t.* 7.
lata. α. foliis ovatis.
Broad Chesnut-leaved Oak Tree.
oblongata. β. foliis oblongis.
Long Chesnut-leaved Oak Tree.
Nat. of North America.
Cult. 1730. *Hort. angl.* 62. *n.* 6.
Fl. May and June. H. ♄.

aquatica. 11. Q. foliis cuneiformibus glabris apice obsolete trilobis: lobo intermedio majore, calyce fructu subhemisphærico, nuce subrotunda. *Willden. sp. pl.* 4. *p.* 441.
Quercus aquatica. *Mich. querc.* 11. *t.* 19, 20, 21. *Michaux arb. for.* 2. *p.* 89. *t.* 17.
cuneata. α. foliis cuneiformibus apice sublobatis.
Common Water Oak Tree.
heterophylla. β. foliis cuneiformi-oblongis acutis sinuatis.
Various-leaved Water Oak Tree.
elongata. γ. foliis cuneiformi-oblongis obsolete-sinuatis subundatis.
Quercus nana. *Willden. sp. pl.* 4. *p.* 443. *Abbott's insects* 2. *p.* 117. *t.* 59.
Long-leaved Water Oak Tree.
indivisa. δ. foliis cuneiformi-oblongis subintegerrimis.
Entire-leaved Water Oak Tree.
attenuata. ε. foliis oblongo-lanceolatis subcuneatis acutis leviter sinuatis.
Narrow-leaved Water Oak Tree.
Nat. of North America.

Cu

Cult. before 1723, by Mr. Thomas Fairchild. *Knowlton Jun. mss.*
Fl. H. ♄.

12. Q. foliis cuneiformibus glabris basi subcordatis apice subtrilobis: lobis divaricatis mucronatis: intermedio breviore. *Willden. sp. pl.* 4. *p.* 442. *nigra.*
Quercus nigra. *Mich. querc.* 12. *t.* 22, 23.
Black Oak Tree.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 7.
Fl. H. ♄.

13. Q. foliis cuneiformibus subtus tomentosis apice subtrilobis: lobis æqualibus mucronatis: intermedio longiore, calyce fructus subtus plano, nuce subrotunda. *Willden. sp. pl.* 4. *p.* 443. *triloba.*
Quercus triloba. *Mich. querc.* 14. *n.* 26.
Three-lobed Oak Tree.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. H. ♄.

14. Q. foliis trilobis sinuatisve subtus tomentosis: lobis subfalcatis setaceo-mucronatis: terminali elongato. *Willden. sp. pl.* 4. *p.* 444. *elongata.*
Quercus discolor. *Edit. prior.*
Quercus falcata. *Mich. querc.* 16. *t.* 28.
Downy-leaved Oak Tree.
Nat. of North America.
Introd. 1763, by Mr. Murdock Middleton.
Fl. H. ♄.

15. Q. foliis obovato-oblongis levissime sinuatis subtus pubescentibus: lobis oblongis obtusis obsolete denticulatis setaceo-mucronatis, calyce fructus subtus plano. *Willden. sp. pl.* 4. *p.* 444. *tinctoria.*
Quercus tinctoria, (*angulosa.*) *Mich. querc.* 13. *t.* 24. *Michaux arb. for.* 2. *p.* 110. *t.* 22.
Dyer's Oak Tree.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. H. ♄.

rubra. 16. Q. foliis oblongis obtuse sinuatis glabris: lobis acutiusculis dentatis acutis setaceo-mucronatis, calycibus fructus subtus planis. *Willden. sp. pl.* 4. *p.* 445.

Quercus rubra. *Mich. querc.* 20. *t.* 35, 36. *Michaux arb. for.* 2. *p.* 126. *t.* 26.

latifolia. α. foliis latis, calycibus abbreviatis subtus planiusculis.

Champion Oak Tree.

montana. β. foliis minoribus, calycibus abbreviatis subtus planis, glandibus subrotundis.

Mountain Red Oak Tree.

Nat. of North America.

Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 8

Fl. May. H. ♄.

coccinea. 17. Q. foliis oblongis profunde sinuatis glabris: lobis divaricatis dentatis acutis setaceo-mucronatis, calycibus fructus basi attenuatis. *Willden sp. pl.* 4. *p.* 445.

Quercus coccinea. *Mich. querc.* 18. *t.* 31, 32 *Michaux arb. for.* 2. *p.* 116. *t.* 23.

Quercus rubra β coccinea. *Edit. prior.*

Scarlet Oak Tree.

Nat. of North America.

Cult. 1691, by Bishop Compton. *Pluk. phy* *t.* 54. *f.* 5.

Fl. May. H. ♄

palustris. 18. Q. foliis oblongis profunde sinuatis glabris: a illis venarum subtus villosis; lobis divaricat dentatis acutis setaceo-mucronatis, calycib fructus basi plano-turbinatis. *Willden. sp. pl.* *p.* 446.

Quercus palustris. *Mich. querc.* 19. *t.* 33, 3 *Michaux arb. for.* 2. *p.* 123. *t.* 25.

Marsh Oak Tree.

Nat. of North America.

Introd. 1800, by Messrs. Fraser.

Fl. H.

ilicifolia. 19. Q. foliis obovato-cuneiformibus tri- quinque bis

bisve: lobis setaceo-mucronatis; subtus tomentosis. *Willden. sp. pl.* 4. *p.* 447.
Quercus Banisteri. *Mich. querc.* 15. *t.* 27. *Michaux arb. for.* 2. *p.* 91. *t.* 19.
Banister's Oak Tree.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. H. ♄.

20. Q. foliis ovato-oblongis levissime sinuatis subtus cano-pubescentibus: lobis brevissimis mucronatis, calyce fructus hemisphærico squamoso: squamis lanceolatis patentibus. *Willden. sp. pl.* 4. *p.* 448. *Ægilops.*
Chêne valani. *Voyage d'Olivier,* 2. *p.* 67. *t.* 13.
Great prickly-cup'd Oak, or Velanida Tree.
Nat. of the Levant.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 5.
Fl. H. ♄.

21. Q. foliis oblongis pinnatifido-sinuatis subtus pubescentibus: lobis lineari-lanceolatis obtusis integerrimis basi attenuatis, calycibus fructus pedunculatis tuberculosis basi planis. *Willden. sp. pl.* 4. *p.* 448. *alba.*
Quercus alba. *Mich. querc.* 4. *t.* 5. *Michaux arb. for.* 2. *p.* 13. *t.* 3.
White Oak Tree.
Nat. of Virginia.
Cult. 1724, by Mr. Robert Furber. *Furber's catal.*
Fl. H. ♄.

22. Q. foliis ovato-oblongis sinuatis glabris: lobis oblongis obtusis subangulatis basi attenuatis; junioribus utrinque hirtis. *Willden. sp. pl.* 4. *p.* 449. *Esculus.*
Phagus esculus. *Dalech. hist.* 5.
Italian, or Small Prickly-cup'd Oak Tree.
Nat. of the South of Europe.

Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 1.
Fl. May. H. ♄.

Robur. 23. Q. foliis oblongis petiolatis glabris sinuatis: lobis rotundatis, fructibus oblongis sessilibus. *Willden. sp. pl.* 4. *p.* 450.
Quercus sessiliflora. *Engl. bot.* 1845.
Sessile-fruited Oak Tree.
Nat. of Britain.
Fl. April and May. H. ♄.

pedunculata. 24. Q. foliis oblongis subsessilibus glabris sinuatis: lobis rotundatis, fructibus oblongis pedunculatis. *Willden. sp. pl.* 4. *p.* 450.
Quercus Robur. *Engl. bot.* 1342. *Svensk bot.* 73.
Common British Oak Tree.
Nat. of Britain.
Fl. April and May. H. ♄.

pubescens. 25. Q. foliis oblongo-obovatis petiolatis sinuatis subtus pubescentibus basi subcordatis inæqualibus: lobis obtusis angulatis, fructibus subsessilibus. *Willden. sp. pl.* 4. *p.* 450.
Quercus sessiliflora β. *Smith fl. brit.* 3. *p.* 1027.
Chêne noir. *Secondat du chêne, p.* 3. *t.* 5.
Durmast Oak Tree.
Nat. of England.
Fl. April and May. H. ♄.

stellata. 26. Q. foliis oblongis sinuatis subtus pubescentibus: lobis obtusis?: superioribus dilatatis bilobis, calycibus fructus hemisphæricis. *Willden. sp. pl.* 4. *p.* 452.
Quercus obtusiloba. *Mich. querc.* 1. *t.* 1. *Michaux arb. for.* 2. *p.* 36. *t.* 4.
Star'd Oak Tree.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. H. ♄.

27. Q. fo-

27. Q. foliis oblongis sinuatis glabris: lobis oblongis acutis?: superioribus dilatatis angulato-truncatis, calycibus fructus nucis magnitudine globosis tuberculoso-muricatis. *Willden. sp. pl.* 4. *p.* 453. *lyrata.*
Quercus lyrata. *Mich. querc.* 3. *t.* 4. *Michaux arb. for.* 2. *p.* 42. *t.* 5.
Lyre-leaved Oak Tree.
Nat. of North America.
Introd. 1786, by Mr. John Fraser.
Fl. H. ♄.

28. Q. foliis oblongis pinnatifido-sinuatis subtus hirtis basi angustatis: lobis oblongo-lanceolatis dentatis, calycibus fructus hemisphæricis echinatis. *Willden. sp. pl.* 4. *p.* 454. *Cerris.*
α. foliis ovato-oblongis leviter sinuatis planiusculis. frondosa.
Common Turkey Oak Tree.
β. foliis ovato-oblongis leviter sinuatis subbullatis. bullata.
Rough-leaved Turkey Oak Tree.
γ. foliis oblongis profunde sinuatis: sinubus inæqualibus. sinuata.
Narrow-leaved Turkey Oak Tree.
Nat. of the South of Europe.
Cult. before 1735, by Mr. Ph. Miller. *Mill. dict. ed.* 3. Appendix *n.* 12.
Fl. May. H. ♄.

JUGLANS. *Gen. pl.* 1446.

Masc. *Amentum* imbricatum. *Cal.* squama. *Cor.* 6-partita. *Filamenta* 4—18.
Fem. *Cal.* 4-fidus, superus. *Cor.* 4-fida. *Styli* 2. *Drupa* coriacea, nuce sulcata.

1. J. foliolis subnovenis ovalibus glabris subserratis subæqualibus, fructibus globosis. *Willden. sp. pl.* 4. *p.* 455. *Poit. et Turp. arbr. fruit.* 34. *regia.*
Common Walnut Tree.
Nat. of Persia.
Cult. 1562. *Turn. herb. part* 2. *fol.* 23. verso.
Fl. April and May. H. ♄.

nigra. 2. J. foliolis numerosis lanceolatis serratis subtus petiolisque subpubescentibus, fructibus globosis punctato-scabris. *Willden. sp. pl.* 4. *p.* 456. *Jacq. ic.* 1. *t.* 191. *Michaux arb. for.* 1. *p.* 156. *Juglans t.* 1.
Black Walnut Tree.
Nat. of North America.
Cult. 1629. *Park. paradis.* 594.
Fl. April and May. H. ♄.

cinerea. 3. J. foliolis numerosis oblongo-lanceolatis serratis subtus pubescenti-mollibus, petiolis viscosis, fructibus oblongo-ovatis. *Willden. sp. pl.* 4. *p.* 456. *Jacq. ic.* 1. *t.* 192.
Shell-bark Walnut Tree.
Nat. of North America.
Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Tradesc.* 147.
Fl. April. H. ♄.

olivæformis. 4. J. foliolis numerosis lanceolatis serratis: impari longe petiolato, fructibus oblongis tetragonis. *Willden. sp. pl.* 4. *p.* 457. (exclus. synon. Edit. prior.)
Olive-fruited Walnut Tree.
Nat. of North America.
Fl. H. ♄.

angustifolia. 5. J. foliolis tredecim lineari-lanceolatis serratis sessilibus basi æqualibus, nucibus ellipticis.
Narrow-leaved Walnut Tree.
Nat. of North America.
Introd. 1766, by Messrs. Kennedy and Lee.
Fl. H. ♄.

alba. 6. J. foliolis septenis oblongo-lanceolatis acuminatis serratis subtus pubescentibus scabris: impari sessili, fructibus subquadrangulis lævibus. *Willden. sp. pl.* 4. *p.* 457.
Juglans tomentosa. *Michaux arb. for.* 1. *p.* 184. *Juglans t.* 6.
White Hickery, or Walnut Tree.

Nat. of North America.
Cult. 1629. *Park. paradis.* 594.
Fl. April and May. H. ♄.

7. J. foliolis septenis oblongo-lanceolatis acuminatis serratis subtus pubescentibus mollibus: impari sessili, fructibus ovatis, nucibus obliquis compressis. *Willden. sp. pl.* 4. *p.* 458. *compressa.*
Nux juglans virginiana alba minor, fructu nucis moschatæ simili, cortice glabro, summo fastigio veluti in aculeum producto. *Pluk. alm.* 264. *t.* 309. *f.* 2.
Flat-fruited Walnut Tree.
Nat. of North America.
Cult. before 1730. *Hort. angl.* 51. *n.* 9.
Fl. April and May. H. ♄.

8. J. foliolis septenis ovatis acuminatis serratis utrinque glabris subtus resinoso-punctatis: impari sessili, fructibus nucibusque oblongis. *Willden. sp. pl.* 4. *p.* 458. *glabra.*
Smooth-leaved Walnut Tree.
Nat. of North America. Mr. *Fr. Masson.*
Introd. 1799.
Fl. H. ♄.

FAGUS. *Gen. pl.* 1448.

MASC. *Cal.* 5-fidus, campanulatus. *Cor.* 0. *Stam.* 12 circiter.
FEM. *Cal.* 4-dentatus, setosus. *Cor.* 0. *Germ.* 2. *Nuces* 2, calyce echinato coriaceo quadrifido inclusæ.

1. F. foliis ovatis glabris obsolete dentatis margine ciliatis. *Willden. sp. pl.* 4. *p.* 459. *Engl. bot.* 1846. *sylvatica.*
α. foliis viridibus. vulgaris.
Common Beech Tree.
β. foliis atro-rubentibus. purpurea.
Purple Beech Tree.
Nat. α. of Britain; β. of Germany.
Fl. April and May. H. ♄.

2. F. fo-

ferruginea. 2. F. foliis ovatis acuminatis subtus pubescentibus grosse dentatis margine ciliatis. *Willden. sp. pl.* 4. *p.* 460. *Michaux arb. for.* 2. *p.* 174. *cum tab.*
American Beech Tree.
Nat. of North America.
Introd. 1766, by Messrs. Kennedy and Lee.
Fl. H. ♄.

CASTANEA.

Masc. *Amentum* nudum. *Cal.* 0. *Cor.* 5-petala. *Stam.* 10—20.
Fem. *Cal.* 5- s. 6-phyllus, muricatus. *Cor.* 0. *Germ.* 3. *Stigm.* penicilliformia. *Nuces* 3, calyce echinato inclusæ.

vesca. 1. C. foliis oblongo-lanceolatis acuminatis mucronato-serratis subtus nudis. *Willden. sp. pl.* 4. *p.* 460.
Fagus Castanea. *Engl. bot.* 886.
Common Chesnut Tree.
Nat. of England.
Fl. May and June. H. ♄.

pumila. 2. C. foliis oblongis acutis mucronato-serratis subtus albo-tomentosis. *Willden. sp. pl.* 4. *p.* 461.
Castanea pumila. *Michaux arb. for.* 2. *p.* 166. *cum tab.*
Chinquapine, or Dwarf Chesnut Tree.
Nat. of North America.
Cult. 1699, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 3358. *fol.* 17.
Fl. July. H. ♄.

BETULA. *Gen. pl.* 1419.

Masc. *Amentum* imbricatum, squamis peltatis trifloris. *Cal.* squama. *Cor.* 0. *Stam.* 10—12.
Fem. *Amentum* imbricatum. *Cal.* squama biflora. *Cor.* 0. *Sem.* 1. alatum.

alba. 1. B. foliis deltoidibus acutis duplicato-serratis glabris,

bris, strobilorum squamis lobis lateralibus rotundatis, petiolis glabris pedunculo longioribus. *Willden. sp. pl.* 4. *p.* 462. *Engl. bot.* 2198. *Svensk bot.* 80.

α. ramis adscendentibus. vulgaris.
Common Birch Tree.

β. Betula pendulis virgulis. *Lœs. pruss.* 26. pendula.
Weeping Birch Tree.
Nat. of Britain.
Fl. April—June. H. ♄.

2. B. foliis deltoidibus longe acuminatis inæqualiter serratis glaberrimis, strobilorum squamis lobis lateralibus subrotundis, petiolis glabris. *Willden. sp. pl.* 4. *p.* 463. *Michaux arb. for.* 2. *p.* 139. *cum tab.* *populifolia.*
Poplar-leaved Birch Tree.
Nat. of North America.
Cult. 1750, by Archibald Duke of Argyle.
Fl. July. H. ♄.

3. B. foliis ovatis acutis serratis, strobilorum squamis lobis lateralibus rotundatis, petiolis pubescentibus pedunculo brevioribus. *Willden. sp. pl.* 4. *p.* 463. *arb.* 41. *t.* 2. *f.* 2. *excelsa.*
Tall Birch Tree.
Nat. of North America.
Introd. about 1767, by Mr. James Gordon.
Fl. May. H. ♄.

4. B. foliis ovatis basi angustatis integerrimis inæqualiter dentatis glabris, strobilorum squamis margine ciliatis: lobis lateralibus rotundatis. *Willden. sp. pl.* 4. *p.* 463. *daurica.*
Betula daurica. *Pallas ross.* 1. *p.* 60. *t.* 39.
Daurian Birch Tree.
Nat. of Siberia.
Cult. before 1786, by John Bell, Esq.
Fl. July. H. ♄.

5. B. foliis rhombeo-ovatis duplicato-serratis acutis subtus pubescentibus basi integris, strobilorum squamis *nigra.*

squamis villosis: laciniis linearibus æqualibus. *Willden. sp. pl.* 4. *p.* 464. (excluso synonymo Gronovii.) *arb.* 38. *t.* 2. *f.* 6.
Black Birch Tree.
Nat. of North America.
Introd. 1736, by Peter Collinson, Esq. *Collins. mss.*
Fl. July and August. H. ♄.

papyracea. 6. B. foliis ovatis acuminatis duplicato-serratis, strobili squamis indivisis.
Betula papyracea. *Willden. sp. pl.* 4. *p.* 464. *Michaux arb. for.* 2. *p.* 133. *cum tab.*
Betula julifera, fructu conoide, viminibus lentis. *Gronov. virg. ed.* 2. *p.* 146.
Paper Birch Tree.
Nat. of North America.
Cult. 1750, by Archibald Duke of Argyle.
Fl. June. H. ♄.

lenta. 7. B. foliis cordatis oblongis acuminatis argute serratis, strobili squamis trifidis.
Betula lenta. *Linn. sp. pl.* 1394. *Michaux arb. for.* 2. *p.* 147. *cum tab.*
Betula foliis ovatis oblongis acuminatis serratis. *Gron. virg. ed.* 2. *p.* 146.
Soft Birch Tree.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. July. H. ♄.

nana. 8. B. foliis orbiculatis crenatis glabris subtus reticulato-venosis. *Willden. sp. pl.* 4. *p.* 465. *Engl. bot.* 2326.
Smooth Dwarf Birch Tree.
Nat. of Scotland. Sir *James Nasmyth*, Bart.
Fl. May. H. ♄.

pumila. 9. B. foliis orbiculato-obovatis serratis subtus ramulisque pubescentibus, amentis femineis cylindricis.

dricis. *Willden. sp. pl.* 4. *p.* 467. *Jacqu. hort. vindob.* 2. *p.* 56. *t.* 122.
Hairy Dwarf Birch Tree.
Nat. of North America.
Introd. 1762, by Mr. James Gordon.
Fl. April and May. H. ♄.

CARPINUS. *Gen. pl.* 1449.

Masc. *Amentum* imbricatum. *Cal.* squama ciliata. *Cor.* 0. *Stam.* 10.
Fem. *Amentum* imbricatum. *Cal.* squama 2-flora. *Cor.* 3-fida. *Nux* ovata, sulcata.

1. C. strobilorum squamis tripartitis subintegerrimis: *Betulus.*
laciniis lanceolatis: intermedia elongata. *Willden. sp. pl.* 4. *p.* 467. *Engl. bot.* 2032.
α. foliis ovatis serratis. vulgaris.
Common Horn-beam Tree.
β. foliis oblongis inciso-serratis. incisa.
Cut-leaved Horn-beam Tree.
Nat. of Britain.
Fl. March—May. H. ♄.

2. C. strobilorum squamis tripartitis: lacinia intermedia *americana.*
obliqua ovato-lanceolata? uno latere unidentatis. *Willden. sp. pl.* 4. *p.* 468. *Michaux arb. for.* 3. *p.* 57. *cum tab.*
American Horn-beam Tree.
Nat. of North America.
Introd. 1812, by Mr. Frederick Pursh.
Fl. H. ♄.

3. C. strobilorum squamis ovatis basi inæqualibus *orientalis.*
indivisis subangulatis inæqualiter serratis. *Willden. sp. pl.* 4. *p.* 468.
Carpinus duinensis. *Scop. carn.* 2. *p.* 243. *t.* 60.
Eastern Horn-beam Tree.
Nat. of the Levant.

Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 3.
Fl. H. ♄.

OSTRYA

OSTRYA. *Mich. gen.* 223.

MASC. *Amentum* imbricatum. *Cal.* squama. *Cor.* 0. *Fil.* ramosa.

FEM. *Amentum* nudum. *Cal.* 0. *Cor.* 0. *Caps.* inflatæ, imbricatæ, basi 1-spermæ.

vulgaris. 1. O. strobilis ovatis pendulis, foliis ovatis acutis, gemmis obtusis. *Willden. sp. pl.* 4. *p.* 469.

Ostrya italica, carpini folio, fructu longiore s. breviore habitiori. *Mich. gen.* 223. *t.* 104. *f.* 1, 2.

Common Hop-hornbeam Tree.

Nat. of Italy.

Cult. 1724, by Mr. Robert Furber. *Furber's catal.*

Fl. May. H. ♄.

virginica. 2. O. strobilis oblongo-ovatis erectis, foliis oblongo-ovatis acuminatis, gemmis acutis. *Willden. sp. pl.* 4. *p.* 469.

Carpinus virginiana. *Abbott's insects,* 2. *p.* 151. *t.* 75.

Virginian Hop-hornbeam Tree.

Nat. of North America.

Cult. 1692, by Bishop Compton. *Pluk. phyt. t.* 156. *f.* 1.

Fl. May and June. H. ♄.

CORYLUS. *Gen. pl.* 1450.

MASC. *Amentum* imbricatum. *Cal.* squama. *Cor.* 0. *Stam.* 8.

FEM. *Cal.* 2-partitus, lacerus. *Cor.* 0. *Styli* 2. *Nux* ovata, calyce persistente cincta.

Avellana. 1. C. stipulis oblongis obtusis, calycibus fructus campanulatis apice patulis lacero-dentatis, foliis subrotundis cordatis acuminatis. *Willden. sp. pl.* 4. *p.* 470.

sylvestris. α. Corylus Avellana. *Engl. bot.* 723. *Svensk bot.* 139.

Common Hasel Nut Tree.

β. Corylus sativa, fructu albo minore s. vulgaris. *Bauh. pin.* 417. alba.
White Filbert Nut Tree.

γ. Noisetier franc à fruit rouge. *Poit. et Turp. arbr. fruit.* 11. rubra.
Red Filbert Nut Tree.

δ. Corylus sativa, fructu rotundo maximo. *Bauh. pin.* 418. grandis.
Cob Nut Tree.

ε. Corylus nucibus in racemum congestis. *Bauh. pin.* 418. glomerata.
Cluster'd Nut Tree.
Nat. of Britain.
Fl. February—April. H. ♄.

2. C. stipulis oblongis obtusis, calycibus fructus tubuloso cylindraceis apice coarctatis inciso-dentatis, foliis subrotundis cordatis acuminatis. *Willden. sp. pl.* 4. *p.* 471. *tubulosa.*
Lambert's Nut Tree.
Nat. of the South of Europe.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. March and April. H. ♄.

3. C. stipulis - - - -, calycibus fructus subrotundo-campanulatis nuce majoribus: limbo dilatato dentato-serrato, foliis subrotundis cordatis acuminatis. *Willden. sp. pl.* 4. *p.* 471. *americana.*
Dwarf Cuckold Nut Tree.
Nat. of Canada.
Introd. 1798, by the Marchioness of Bute.
Fl. March and April. H. ♄.

4. C. stipulis lineari-lanceolatis, calycibus fructus campanulato-tubulosis nuce majoribus bipartitis: laciniis inciso-dentatis, foliis oblongo-ovatis acuminatis. *Willden. sp. pl.* 4. *p.* 471. *Willden. arb.* 80. *t.* 1. *f.* 2. *rostrata.*
Common Cuckold Nut Tree.
Nat. of North America.

Cult. 1745, by Archibald Duke of Argyle.
Fl. March and April. H. ♄.

Colurna. 5. C. stipulis lanceolatis acuminatis, calyce fructus duplici: exteriore multipartito; interiore tripartito laciniis palmatis, foliis subrotundo-ovatis cordatis. *Willden. sp. pl.* 4. *p.* 472.
Avellana pumila bizantina. *Clus. hist.* 1. *p.* 11.
Constantinople Hasel Nut Tree.
Nat. of Constantinople.
Cult. before 1665, by Mr. John Rea. *Rea's flora* 225.
Fl. March and April. H. ♄.

SALISBURIA.

Smith in linn. soc. transact. 3. *p.* 330.

MASC. *Amentum* nudum. *Cal.* 0. *Cor.* 0. *Antheræ* imbricatæ.
FEM. *Cal.* 4-fidus. *Drupa* nuce triquetra.

adiantifolia. 1. SALISBURIA. *Smith in linn. soc. transact.* 3. *p.* 330.
Gingko, arbor nucifera folio adiantino. *Kæmpf. amœn.* 811. *t.* 813.
Maiden-hair Tree.
Nat. of Japan.
Cult. 1754, by Mr. James Gordon. *Knowlton Jun. mss.*
Fl. April and May. H. ♄.

PLATANUS. *Gen. pl.* 1451.

MASC. *Amentum* globosum. *Cal.* 0. *Cor.* vix manifesta. *Antheræ* filamentum circumnatæ.
FEM. *Amentum* globosum. *Cal.* polyphyllus. *Cor.* 0. *Styli* stigmate recurvo. *Sem.* subrotunda, stylo mucronata, basi papposa.

orientalis. 1. P. foliis quinquelobo-palmatis basi cuneatis: laciniis lanceolatis sinuatis, stipulis subintegerrimis. *Willden.*

Willden. sp. pl. 4. *p.* 473. *Evelyn's silva by Hunter, p.* 349. *cum tab.*
Oriental Plane Tree.
Nat. of the Levant.
Cult. 1548. *Turner's names of herbes, sign. F. iiij.*
Fl. April and May. H. ♄.

2. P. foliis tri- quinquelobisve dentatis basi cuneatis glabriusculis. *Willden. sp. pl.* 4. *p.* 473. *cuneata.*
Wave-leaved Plane Tree.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 4.
Fl. April and May. H. ♄.

3. P. foliis cordatis quinquelobis remote dentatis basi truncatis. *Willden. sp. pl.* 4. *p.* 474. *acerifolia.*
Spanish Plane Tree.
Nat. of the Levant.
Cult. before 1724, by Mr. Robert Furber. *Furber's catal.*
Fl. April and May. H. ♄.

4. P. foliis quinquangularibus obsolete lobatis dentatis basi cuneatis subtus pubescentibus. *Willden. sp. pl.* 4. *p.* 474. *occidentalis.*
Platanus occidentalis. *Catesb. carol.* 1. *p.* 56. *t.* 56.
American Plane Tree.
Nat. of North America.
Introd. before 1610, by Mr. John Tradescant, Jun. *Park. theatr.* 1427. *f.* 2.
Fl. April and May. H. ♄.

LIQUIDAMBAR. *Gen. pl.* 1452.

MASC. *Amentum* conicum, involucro 4-phyllo cinctum. *Cal.* 0. *Cor.* 0. *Filam.* numerosa.
FEM. *Amentum* globosum, involucro 4-phyllo cinctum. *Cal.* 1-phyllus, urceolatus, 2-florus. *Cor.* 0. *Styli* 2. *Caps.* 2, calyce basi cinctæ, uniloculares, polyspermæ.

Styraciflua. L. foliis palmato-lobatis: sinubus baseos venarum villosis. *Willden. sp. pl.* 4. *p.* 475.
Liquidambari arbor s. Styraciflua aceris folio. *Catesb. carol.* 2. *p.* 65. *t.* 65.
Maple-leaved Liquidamber, or Sweet-gum.
Nat. of North America.
Cult. before 1683, by Bishop Compton. *Ray's letters*, 171. Styrax.
Fl. March and April. H. ♄.

imberbe. 2. L. foliis palmato-lobatis: sinubus baseos venarum lævibus. *Willden. sp. pl.* 4. *p.* 475.
Oriental Liquidamber.
Nat. of the Levant.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. H. ♄.

ARUM. *Gen. pl.* 1387.

Spatha monophylla, cucullata. *Spadix* supra nudus, inferne femineus, medio stamineus.

* *Acaulia, foliis compositis.*

crinitum. 1. A foliis pedatis integerrimis, spadice cylindraceo spatha ovata plana interne pilosa breviore. *Willden. sp. pl.* 4. *p.* 477.
Hairy-sheath'd Arum.
Nat. of Minorca.
Introd. 1777, by Mr. William Malcolm.
Fl. March and April. F. ♃.

Dracunculus. 2. A. foliis pedatis integerrimis, spadice lanceolato spatha ovata plana glabra breviore. *Willden. sp. pl.* 4. *p.* 478. *Bulliard herb. de la France*, 73.
Long-sheath'd Arum, or Common Dragon.
Nat. of the South of Europe.
Cult. 1548. *Turner's names of herbes, sign. Cviij.*
Fl. June and July. H. ♃.

Dracontium. 3. A. foliis pedatis integerrimis, spadice subulato spatha oblonga convoluta longiore. *Willden. sp. pl.* 4. *p.* 478.

Short-sheath'd Arum, or Green Dragon.
Nat. of North America.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. June. H. ♃.

4. A. foliis pedatis integerrimis, spadice spatha lanceolata breviore. *Willden. sp. pl.* 4. *p.* 479. *venosum.*
Purple-flower'd Arum.
Nat.
Introd. 1774, by Mr. William Malcolm.
Fl. March. S. ♃.

5. A. acaule, foliis ternatis integerrimis, spadice clavato spatha ovata acuminata plana pedunculata breviore. *Willden. sp. pl.* 4. *p.* 480. *Botan. magaz.* 950. *triphyllum.*
Three-leaved Green-stalk'd Arum.
Nat. of North America.
Cult. 1664. *Evelyn's kaland. hort.* 83.
Fl. May and June. H. ♃.

6. A. acaule, foliis ternatis, lamina ovata spadice dimidio breviore. *Willden. sp. pl.* 4. *p.* 481. *atrorubens.*
Arum s. Arisarum triphyllum minus, pene atrorubente virginianum. *Pluk. alm.* 52. *t.* 77. *f.* 5.
Three-leaved Purple-stalk'd Arum.
Nat. of Virginia.
Cult. 1758, by Mr. Philip Miller.
Fl. June and July. H. ♃.

7. A. acaule, foliis ternatis, receptaculo spatha longiore. *Willden. sp. pl.* 4. *p.* 481. *ternatum.*
Three-leaved Japan Arum.
Nat. of Japan.
Introd. 1774, by John Fothergill, M. D.
Fl. May—July. F. ♃.

** *Acaulia, foliis simplicibus.*

8. A. acaule, foliis peltatis ovatis repandis: basi emarginatis. *Willden. sp. pl.* 4. *p.* 481. *Colocasia.*

Colocasia. *Clus. hist.* 2. *p.* 75.
Egyptian Arum.
Nat. of the Levant.
Cult. 1551. *Turn. herb. part* 1. *sign. Liiij.*
Fl. S. ♃.

macrorhizon. 9. A. acaule, foliis peltatis cordatis repandis basi bipartitis. *Willden. sp. pl.* 4. *p.* 482.
Arum maximum macrorhizon zeylanicum. *Herm. parad.* 73. *cum tab.*
Long-rooted Arum.
Nat. of the East Indies.
Introd. 1803, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♃.

divaricatum. 10. A. acaule, foliis cordato-hastatis, spadice subulato spatha ovato-lanceolata reflexa longiore. *Willden. sp. pl.* 4. *p.* 482.
Neienschena major. *Rheed. mal.* 11. *p.* 39. *t.* 20.
Divaricated Arum.
Nat. of the East Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 13.
Fl. June and July. S. ♃.

trilobatum. 11. A. acaule, foliis sagittato-trilobis, flore sessili. *Willden. sp. pl.* 4. *p.* 483. *Curtis magaz.* 339.
Three-lobed Arum.
Nat. of Ceylon.
Cult. before 1714, by Mr. Thomas Fairchild. *Philosoph. transact. n.* 346. *p.* 363. *n.* 125.
Fl. May and June. S. ♃.

maculatum. 12. A. acaule, foliis hastato-sagittatis: lobis deflexis, spadice clavato spatha breviore. *Willden. sp. pl.* 4. *p.* 483. *Curtis lond. Engl. bot.* 1298.
α. Arum vulgare non maculatum. *Bauh. pin.* 195.
Common Arum, Cuckow-pint, or Wake Robin.
β. Arum maculatum, maculis candidis, vel nigris. *Bauh. pin.* 195.
Spotted Arum, or Wake Robin.

Nat. of Britain.
Fl. May—July. H. ♃.

13. A. foliis hastato-tripartitis, spatha pedunculata bicolori spadice longiore: apice lanceolato deflexo. *Brown prodr.* 336. *orixense.*
Arum orixense. *Andrews's reposit.* 356.
Orixian Cuckow pint.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. August—October. S. ♃.

14. A. acaule, foliis albo-venosis hastato-sagittatis: lobis auriculatis divaricatis, spadice clavato spatha breviore. *Willden. sp. pl.* 4. *p.* 484. *italicum.*
Italian Arum.
Nat. of Italy and Spain.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 36. *n.* 1.
Fl. May and June. H. ♃.

15. A. acaule, foliis hastato-cordatis acutis: angulis obtusis. *Willden. sp. pl.* 4. *p.* 484. *virginicum.*
Virginian Arum.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. June and July. H. ♃.

16. A. acaule, foliis hastato-sagittatis mucronatis: lobis deflexis oblongis obtusis, spadice cylindraceo incurvato spatha cucullata breviore. *Willden. sp. pl.* 4. *p.* 485. *Arisarum.*
Arum Arisarum. *Jacqu. hort. schœnbr.* 2. *p.* 34. *t.* 192.
Hooded Arum, or Friar's Cowl.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. April and May. G. H. ♃.

17. A. acaule, foliis lineari-lanceolatis, spadice subulato *tenuifolium.*

lato spatha lanceolata longiore. *Willden. sp. pl.* 4. *p.* 486.
Arisarum angustifolium. *Clus. hist.* 2. *p.* 74.
Grass-leaved Arum.
Nat. of the South of Europe.
Cult. 1570. *Lobel. adv.* 261.
Fl. April and May. H. ♃.

*** *Caulescentia.*

hederaceum. 18. A. caulescens radicans, foliis cordatis oblongis acuminatis, petiolis teretibus. *Willden. sp. pl.* 4. *p.* 486. *Jacqu. amer.* 240. *t.* 152.
Ivy-leaved Arum.
Nat. of the West Indies. Mr. Alex. Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. May and June. S. ♄.

lingulatum. 19. A. caulescens repens, foliis cordato-lanceolatis, petiolis marginato-membranaceis. *Willden. sp. pl.* 4. *p.* 487.
Arum scandens maximum, flore flavescente, *Plum. ic.* 26. *t.* 37.
Tongue-leaved Arum.
Nat. of the West Indies. Mr. Alex. Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

CALADIUM. *Venten. cels* 30.

Masc. *Cal.* 0. *Cor.* 0. *Anth.* peltatæ, multiloculares, in spicam ad apicem spadicis compositæ.
Fem. *Cal.* 0. *Cor.* 0. *Germ.* ad basin spadicis inserta. *Styl.* 0. *Bacca* 1-locularis polysperma.

helleborifolium. 1. C. acaule, foliis pedatis integerrimis, spadice spatham æquante. *Willden. sp. pl.* 4. *p.* 487.
Arum helleborifolium. *Jacqu. ic.* 3. *t.* 613.
Hellebore-leaved Caladium,

Nat. of Martinico and Caracas.
Introd. 1796, by the Marchioness of Rockingham. *Salisb. in hort. soc. transact.* 1. *p.* 266.
Fl. June and July. S. ♃.

2. C. acaule, foliis peltatis cordato-sagittatis disco coloratis, spadice spatha cucullata medio contracta breviore. *Willden. sp. pl.* 4. *p.* 488. *bicolor.*
Arum bicolor. *Botan. magaz.* 820.
Two-colour'd Caladium.
Nat. Cultivated in Madeira.
Introd. 1773, by Messrs. Kennedy and Lee.
Fl. June and July. S. ♃.

3. C. acaule, foliis peltatis cordato-sagittatis, spadice spatha cylindracea apice lanceolata longiore. *Willden. sp. pl.* 4. *p.* 488. *nymphæifolium.*
Weli ila. *Rheed. mal.* 11. *p.* 43. *t.* 22.
Water Lily-leaved Caladium.
Nat. of the East Indies. William Roxburgh, M. D.
Introd. about 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♃.

4. C. acaule, foliis peltatis cordatis, spadice spatha ovato-lanceolata breviore. *Willden. sp. pl.* 4. *p.* 489. *esculentum.*
Arum minus nymphææ foliis esculentum. *Sloan. jam.* 1. *p.* 167. *t.* 106. *f.* 1.
Esculent Caladium, or Indian Kale.
Nat. of America.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Arum 8.
Fl. S. ♃.

5. C. acaule, foliis sagittatis acuminatis, spadice spatha ovata cucullata breviore. *Willden. sp. pl.* 4. *p.* 489. *sagittifolium.*
Arum sagittifolium. *Jacqu. hort. vindob.* 2. *p.* 73. *t.* 157.
Arrow-leaved Caladium.

Nat. of the West Indies.
Cult. before 1710. *Philoſoph. tranſact. n.* 325. *p.* 50. *n.* 15.
Fl. S. ♃.

seguinum. 6. C. caulescens suberectum, foliis oblongis cuspidatis, spadice spatha oblonga breviore. *Willden. sp. pl.* 4. *p.* 490.
Arum caulescens foliis sagittatis. *Mill. ic.* 2. *p.* 197. *t.* 295.
Dumb Cane, or Caladium.
Nat. of America.
Cult. 1759, by Mr. Philip Miller. *Mill. ic. loc. cit.*
Fl. May. S. ♄.

grandifolium. 7. C. caulescens radicans, foliis cordato-sagittatis, spadice spatham cucullato-ovatam æquante. *Willden. sp. pl.* 4. *p.* 490.
Arum grandifolium. *Jacqu. hort. schœnbr.* 2. *p.* 34. *t.* 189.
Great-leaved Caladium.
Nat. of Caracas and Guiana.
Introd. 1803, by purchase from the Captors of a French vessel.
Fl. May—July. S. ♄.

arborescens. 8. C. caulescens erectum, foliis sagittatis, spadice spatha cucullato-ovata breviore. *Willden. sp. pl.* 4. *p.* 490.
Arum arborescens sagittariæ foliis. *Plum. amer.* 44. *t.* 60.
Tree Caladium.
Nat. of the West Indies.
Cult. 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. Arum 18.
Fl. June and July. S. ♄.

auritum. 9. C. caulescens radicans, foliis ternatis: foliolis lateralibus basi exteriore auriculatis, petiolis inferne alatis, spadice spatha breviore. *Willden. sp. pl.* 4. *p.* 491.

Arum auritum. *Jacqu. hort. schœnbr.* 2. *p.* 33. *t.* 191.
Ear-leaved Caladium.
Nat. of America.
Cult. 1739, by Mr. Philip Miller. *Mill. dict. vol.* 2. Dracunculus 5.
Fl. S. ♄.

PARIANA. *Gen. pl.* 1455.

Masc. *Cal.* 2-valvis. *Cor.* 2-valvis. *Stamina* 40.
Fem. *Cal* 2-valvis. *Cor.* 2-valvis. *Styl.* pilosus. *Stigmata* 2. *Sem.* 1, triquetrum.

1. Pariana. *Willden. sp. pl.* 4. *p.* 492. *Aubl. guian.* 2. *p* 877. *t.* 337. *campestris.*
Cayenne Pariana.
Nat. of Cayenne and Guiana.
Introd. 1803, by purchase from the Captors of a French vessel.
Fl. S. ♃.

CARYOTA. *Gen. pl.* 1701.

Spatha universalis composita.

Masc. *Cal.* 3-phyllus. *Cor.* 3-petala.
Fem. *Cal.* 3-phyllus. *Cor.* 3-partita. *Styl.* 1. *Bacca* 1-locularis, disperma.

1. C. caudice frondibusque inermibus. *Willden. sp. pl.* 4. *p.* 493. *urens.*
Schunda-pana. *Rheed. mal.* 1. *p.* 15. *t.* 11.
Torn-leaved Caryota.
Nat. of the East Indies.
Introd. 1788, by A. P. Hove, Esq.
Fl. S. ♄.

MONADELPHIA.

MONADELPHIA.

PINUS. *Gen. pl.* 1451.

Masc. *Cal.* 4-phyllus. *Cor.* 0. *Stam.* plurima. *Antheræ* nudæ.
Fem. *Cal.* strobili squama 2-flora. *Cor.* 0. *Pist.* 1. *Nux* ala membranacea excepta.

* *Foliis pluribus ex eadem basi vaginali.* Pinus.

sylvestris. 1. P. foliis geminis rigidis, strobilis junioribus pedunculatis recurvis dependentibus, antherarum crista exigua. *Lambert Pinus* 1. *t.* 1.
Pinus sylvestris. *Willden. sp. pl.* 4. *p.* 494. *Engl. bot.* 2460. *Svensk bot.* 91.
Scotch Fir.
Nat. of Scotland.
Fl. May. H. ♄.

Pumilio. 2. P. foliis geminis abbreviatis strictis, strobilis abbreviatis obtusis minimis: junioribus sessilibus erectis. *Lambert Pinus* 5. *t.* 2.
Pinus Pumilio. *Willden. sp. pl.* 4. *p.* 495.
Mugho Pine Tree.
Nat. of Carniola.
Cult. before 1779, by John Blackburne, Esq. *Orford catal.* 50.
Fl. April and May. H. ♄.

pungens. 3. P. foliis geminis brevibus acutis: strobilis ovato-conicis, aculeis squamarum elongatis subulatis: superioribus incurvis; inferioribus recurvis. *Lambert Pinus p.* 91. *tab.* 16. c. strobilus. *Michaux arb. for.* 1. *p.* 61. *t.* 5.
Pungent Pine Tree.
Nat. of North America. *William Strickland,* Esq.

Introd. about 1804.
Fl. H. ♄.

4. P. foliis geminis divaricatis obliquis, strobilis recurvis tortis, antherarum crista dilatata. *Lambert Pinus* 7. *t.* 3. *Willden. sp. pl.* 4. *p.* 497. *Banksiana.*
Pinus rupestris. *Michaux arb. for.* 1. *p.* 49. *t.* 2.
Hudson's Bay Pine Tree.
Nat. of Hudson's Bay.
Cult. before 1785, by William Forsyth, Esq.
Fl. May and June. H. ♄.

5. P. foliis geminis elongatis, strobilis verticillatis confertis ovatis sessilibus pendulis, antherarum crista dilatata. *Lambert Pinus* 9. *t.* 4, 5. *Pinaster.*
Pinus Pinaster. *Willden. sp. pl.* 4. *p.* 496.
Pinaster, or Cluster Pine Tree.
Nat. of the South of Europe.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. April and May. H. ♄.

6. P. foliis geminis: primordialibus ciliatis, conis ovatis obtusis subinermibus folio longioribus, nucibus duris. *Lambert Pinus* 11. *t.* 6, 7, 8. *Poit. et Turp. arbr. fruit.* 125. *Pinea.*
Pinus Pinea. *Willden. sp. pl.* 4. *p.* 497.
Stone Pine Tree.
Nat. of the South of Europe.
Cult. before 1548, at Richmond. *Turner's names of herbes, sign. Fiij.*
Fl. May. H. ♄.

7. P. foliis geminis tenuissimis, strobilis ovato-conicis glaberrimis solitariis pedunculatis. *Lambert Pinus* 13. *t.* 9, 10. *Willden. sp. pl.* 4. *p.* 497. *maritima.*
Maritime Pine Tree.
Nat. of the South of Europe.
Cult. 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. May and June. H. ♄.

halepensis. 8. P. foliis geminis tenuissimis, strobilis ovato-oblongis reflexis lævibus solitariis pedunculatis. *Lambert Pinus* 15. *t.* 11.
Pinus halepensis. *Willden. sp. pl.* 4. *p.* 496.
Aleppo Pine Tree.
Nat. of the Levant.
Cult. 1683, by Bishop Compton. *Ray's letters,* 171. Pinus Hierosolymitana.
Fl. May. H. ♄.

inops. 9. P. foliis geminis, strobilis recurvis oblongo-conicis longitudine foliorum; aculeis squamarum subulatis rectis. *Lambert Pinus* 18. *t.* 13. *Michaux arb. for.* 1. *p.* 58. *t.* 4.
Pinus inops. *Willden. sp. pl.* 4. *p.* 496.
Jersey Pine Tree.
Nat. of North America.
Cult. 1739, by Mr. Philip Miller. *Mill. dict. vol.* 2. *n.* 13.
Fl. May. H. ♄.

resinosa. 10. P. foliis geminis, strobilis ovato-conicis sessilibus ternis: squamis medio dilatatis inermibus. *Lambert Pinus* 20. *t.* 14.
Pinus resinosa. *Willden. sp. pl.* 4. *p.* 496.
Pinus rubra. *Michaux arb. for.* 1. *p.* 45. *t.* 1.
American Pitch Pine Tree.
Nat. of North America.
Cult. 1756, by Hugh Duke of Northumberland.
Fl. May. H. ♄.

variabilis. 11. P. foliis binis ternatisque, strobilis ovato-conicis subsolitariis: squamarum aculeis incurvis. *Lambert Pinus* 22. *t.* 15. *Willden. sp. pl.* 4. *p.* 498.
Two and Three-leaved Pine Tree.
Nat. of North America.
Cult. 1739, by Mr. Philip Miller. *Mill. dict. vol.* 2. *n.* 11.
Fl. May and June. H. ♄.

12. P. foliis

12. P. foliis elongatis, strobilis deflexis: spinis inflexis, vagina foliorum elongata. *Lambert Pinus* 23. *t.* 16 (strobilo excepto) *et* 17. *Willden. sp. pl.* 4. *p.* 498. *Michaux.arb. for.* 1. *p.* 97. *t.* 9. *Tæda.*
Frankincense Pine Tree.
β. foliis patulo-squarrosis. alopecuroidea.
Fox-tail Pine Tree.
Nat. of North America.
Cult. before 1713, by Bishop Compton. *Mill. dict. ed.* 7. *n.* 11.
Fl. May and June. H. ♄.

13. P. foliis ternis, strobilis ovatis confertis: squamarum spinis reflexis, vagina foliorum abbreviata. *Lambert Pinus* 25. *t.* 18, 19. *Willden. sp. pl.* 4. *p.* 498. *Michaux arb. for.* 1. *p.* 589. *t.* 8. *rigida.*
Three-leaved Virginian Pine Tree.
Nat. of North America.
Cult. before 1759, by His Grace the Duke of Bedford. *Mill. dict. ed.* 7. *n.* 10.
Fl. May and June. H. ♄.

14. P. foliis ternis longissimis, strobilis subcylindraceis muricatis, stipulis pinnatifidis ramentaceis persistentibus. *Lambert Pinus* 27. *t.* 20. *Willden. sp. pl.* 4. *p.* 499. *palustris.*
Pinus australis. *Michaux arb. for.* 1. *p.* 64. *t.* 6.
Swamp Pine Tree.
Nat. of North America.
Cult. 1730. *Hort. angl.* 88.
Fl. H. ♄.

15. P. foliis ternatis tenuissimis longissimis, vagina elongata, stipulis integerrimis deciduis, antherarum crista convexa integriuscula. *Lambert Pinus* 29. *t.* 21. *Willd. sp. pl.* 4. *p.* 500. *longifolia.*
Long-leaved Pine Tree.
Nat. of the East Indies.

Introd. 1801, by Messrs. Gray and Wear.
Fl. G. H. ♄.

Strobus. 16. P. foliis quinis, strobilis foliis longioribus cylindricis lævigatis, antherarum crista gemina subulata minima. *Lambert Pinus* 31. *t.* 22. *Michaux arb. for.* 1. *p.* 103. *t.* 10.
Pinus Strobus. *Willden. sp. pl.* 4. *p.* 501.
Weymouth Pine Tree.
Nat. of North America.
Cult. 1705, by the Duchess of Beaufort. *Pluk. amalth.* 171. *n.* 10.
Fl. April. H. ♄.

Cembra. 17. P. foliis quinis, strobilis ovatis, seminum alis obliteratis, antherarum crista reniformi crenata. *Lambert Pinus* 34. *t.* 23, 24.
Pinus Cembra. *Willden. sp. pl.* 4. *p.* 500.
Siberian Stone Pine Tree. Aphernousli Pine.
Nat. of Switzerland and Siberia.
Cult. 1746, by Archibald Duke of Argyle.
Fl. May. H. ♄.

** *Foliis solitariis ramos ambientibus.* Abies.

Abies. 18. P. foliis solitariis tetragonis, strobilis cylindricis: squamis rhombeis complanatis margine repandis erosis. *Lambert Pinus* 37. *t.* 25. *Willden. sp. pl.* 4. *p.* 506.
Norway Spruce, or Prussian Fir Tree.
Nat. of the North of Europe.
Cult. 1548. *Turner's names of herbes, sign. Aiiij.*
Fl. April. H. ♄.

alba. 19. P. foliis solitariis tetragonis incurvis, strobilis subcylindricis laxis: squamis obovatis integerrimis. *Lambert Pinus* 39. *t.* 26. *Willden. sp. pl.* 4. *p.* 507.
Abies alba. *Michaux arb. for.* 1. *p.* 133. *t.* 12.
White Spruce Fir Tree.
Nat. of North America.

Cult. before 1700, by Bishop Compton. *Mill. ic.* 1.
Fl. May and June. H. ♄.

20. P. foliis solitariis tetragonis erectis strictis, strobilis ovatis: squamis ellipticis margine undulatis erectis. *Lambert Pinus* 41. *t.* 27. *Willden. sp. pl.* 4. *p.* 506. *nigra.*
Abies nigra. *Michaux arb. for.* 1. *p.* 123. *t.* 11.
Black Spruce Fir Tree.
Nat. of North America.
Cult. before 1700, by Bishop Compton. *Mill. ic.* 1. *t.* 1.
Fl. May. H. ♄.

21. P. foliis solitariis subulatis, strobilis oblongis obtusis: squamis rotundatis subbilobis margine integris. *Lambert Pinus* 43. *t.* 28. *Willden. sp. pl.* 4. *p.* 507. *rubra.*
Red Spruce Fir Tree.
Nat. of North America.
Cult. before 1755, by Mr. Ph. Miller. *Mill. ic.* 1.
Fl. May. H. ♄.

22. P. foliis solitariis planis subsecundis, strobilis cylindricis erectis, bracteolis elongatis, antherarum crista bicorni. *Lambert Pinus* 46. *t.* 30. *Picea.*
Pinus Pinea. *Willden. sp. pl.* 4. *p.* 504.
Silver Fir Tree.
Nat. of Switzerland and Germany.
Cult. before 1603, by Mr. Serjeant Nudigate. *Evelyn's silva by Hunter, p.* 283.
Fl. May. H. ♄.

23. P. foliis solitariis planis subsecundis, strobilis cylindricis erectis, bracteolis abbreviatis, antherarum crista mutica. *Lambert Pinus* 48. *t.* 31. *Balsamea.*
Pinus Balsamea. *Willden. sp. pl.* 4. *p.* 504.
Abies balsamifera. *Michaux arb. for.* 1. *p.* 145. *t.* 14.
Balm of Gilead Fir Tree.
Nat. of Virginia.

Cult. 1696, by Bishop Compton. *Pluk. alm.* 2. *n.* 2.
Fl. May. H. ♄.

canadensis. 24. P. foliis solitariis planis denticulatis subdistichis, strobilis ovatis terminalibus vix folio longioribus. *Lambert Pinus* 50. *t.* 32. *Willden. sp. pl.* 4. *p.* 505.
Abies canadensis. *Michaux arb. for.* 1. *p.* 137. *t.* 13.
Hemlock Spruce, or Canada Pine Tree.
Nat. of North America.
Introd. 1736, by Peter Collinson, Esq. *Coll. mss.*
Fl. May. H. ♄.

lanceolata. 25. P. foliis solitariis lanceolatis planis patentibus, strobilis globosis: squamis acuminatis. *Lambert Pinus* 52. *t.* 34.
Lance-leaved Pine.
Nat. of China. Mr. William Kerr.
Introd. 1804, by the Hon. Court of Directors of the East India Company, in the Henry Addington, Captain Kirkpatrick.
Fl. G. H. ♄.

*** *Foliis numerosis fasciculatis ex una basi vaginali.* Larix.

Larix. 26. P. foliis fasciculatis deciduis, strobilis ovato-oblongis: squamarum marginibus reflexis laceris, bracteolis panduriformibus. *Lambert Pinus* 53. *t.* 35. *Willden. sp. pl.* 4. *p.* 503.
Common White Larch Tree.
Nat. of Switzerland, Germany, and Russia.
Cult. 1629. *Park. paradis.* 608.
Fl. March and April. H. ♄.

pendula. 27. P. foliis fasciculatis deciduis, strobilis oblongis: squamarum marginibus inflexis, bracteolis panduriformibus: acumine attenuato. *Lambert Pinus* 56. *t.* 36. *Willden. sp. pl.* 4. *p.* 502.
Black Larch Tree.
Nat. of North America.

Cult. before 1739, by Peter Collinson, Esq. *Mill. dict. vol.* 2. Larix.
Fl. May. H. ♄.

28. P. foliis fasciculatis deciduis, strobilis subrotundis paucifloris: squamis reflexis, bracteolis ellipticis obtuse acuminatis. *Lambert Pinus* 58. *t.* 37. *Willden. sp. pl.* 4. *p.* 502. *microcarpa.*
Larix americana. *Michaux arb. for.* 3. *p.* 37. *t.* 4.
Red Larch Tree.
Nat. of North America.
Cult. before 1760, by His Grace the Duke of Argyle.
Fl. May. H. ♄.

29. P. foliis fasciculatis perennantibus, strobilis ovatis obtusis erectis: squamis adpressis rotundatis. *Lambert Pinus* 59. *t.* 37. *bis.* *Cedrus.*
Pinus Cedrus. *Willden. sp. pl.* 4. *p.* 501.
Cedar of Lebanon.
Nat. of the Levant.
Cult. 1683. *Ray's letters, p.* 171.
Fl. May. H. ♄.

**** *Foliis oppositis.* Dammara.

30. P. foliis oppositis elliptico-lanceolatis striatis. *Lambert Pinus* 61. *t.* 38. *Willden. sp. pl.* 4. *p.* 503. *Dammara.*
Dammar Pine, or Amboina Pitch Pine Tree.
Nat. of Amboina.
Introd. 1804, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

THUJA. *Gen. pl.* 1457.

Masc. *Amentum* imbricatum. *Cal.* squama. *Cor.* 0. *Antheræ* 4.
Fem. *Amentum* strobilaceum. *Cal.* squama 2-flora. *Cor.* 0. *Nux* 1, cincta ala marginata.

1. T. ramulis ancipitibus, foliis quadrifariam imbri- *occidentalis.*

catis ovato-rhombeis adpressis nudis tuberculatis, strobilis obovatis: squamis interioribus truncatis infra apicem gibbosis. *Willden. sp. pl.* 4. *p.* 508. *Schkuhr handb.* 3. *p.* 285. *t.* 309. *Michaux arb. for.* 3. *p.* 29. *t.* 3.
American Arbor-vitæ Tree.
Nat. of Siberia and Canada.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. May. H. ♄.

orientalis. 2. T. ramulis ancipitibus, foliis quadrifariam imbricatis ovato-rhombeis adpressis medio sulcatis, strobilis ellipticis: squamis interioribus obtusis infra apicem mucronatis. *Willden. sp. pl.* 4. *p.* 509. *Schkuhr handb.* 3. *p.* 285. *t.* 309.
Chinese Arbor-vitæ Tree.
Nat. of China.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 3.
Fl. May. H. ♄.

cupressoides. 3. T. ramulis teretibus, foliis quadrifariam imbricatis oblongis adpressis lævibus, strobilis tetragono-globosis. *Willden. sp. pl.* 4. *p.* 510.
African Arbor-vitæ Tree.
Nat. of the Cape of Good Hope.
Introd. 1799, by William Roxburgh, M. D.
Fl. G. H. ♄.

CUPRESSUS. *Gen. pl.* 1458.

Masc. *Amentum* imbricatum. *Cal.* squama. *Cor.* 0. *Anth.* 4, sessiles, absque filamentis.
Fem. *Amentum* strobilaceum. *Cal.* squama 1-flora. *Cor.* 0. *Stigma:* 2 puncta concava. *Nux* angulata.

sempervirens. 1. C. ramulis quadrangulis, foliis quadrifariam imbricatis obtusis adpressis convexis, strobili globosis: squamis muticis, ramis strictis. *Willden. sp. pl.* 4. *p.* 511. *Pallas ross.* 2. *p.* 11 *t.* 53.

stricta. α. Ramis erectis strictis.

Uprigh

Upright Cypress Tree.

β. Cupressus foliis imbricatis acutis, ramis horizontalibus. *Mill. dict.* horizontalis.
Male spreading Cypress Tree.
Nat. of the Island of Candia.
Cult. before 1548, in Syon Garden. *Turner's names of herbes, sign. Cvj.*
Fl. May. H. ♄.

2. C. ramulis quadrangulis, foliis quadrifariam imbricatis adpressis glaucis carinatis, strobilis subglobosis: squamis mucronatis, ramis pendulis. *Willden. sp. pl.* 4. *p.* 511. *lusitanica.*
Cupressus lusitanica. *Lambert Pinus* 95. *t.* 42.
Portugal Cypress Tree, or Cedar of Goa.
Nat. of Goa; now of Portugal.
Cult. 1683, by Bishop Compton. *Ray's letters, p.* 171. Cedrus ex Goa.
Fl. April and May. H. ♄.

3. C. foliis distichis patentibus. *Willden. sp. pl.* 4. *p.* 512. *Michaux arb. for.* 3. *p.* 4. *t.* 1. *disticha.*
Cupressus americana. *Catesb. car.* 1. *p.* 11. *t.* 11.
α. foliis approximatis stricte distichis. patens.
Common Deciduous Cypress Tree.
β. foliis remotioribus subsparsis. nutans.
Long-leaved Deciduous Cypress Tree.
Nat. of North America.
Introd. before 1640, by Mr. John Tradescant Jun. *Park theatr.* 1477. *f.* 2.
Fl. May. H. ♄.

4. C. ramulis compressis, foliis quadrifariam imbricatis ovatis basi tuberculatis. *Willden. sp. pl.* 4. *p.* 512. *Schkuhr handb.* 3. *p.* 286. *t.* 310. *Michaux arb. for.* 3. *p.* 20. *t.* 2. *thyoides.*
White Cedar, or Arbor-vitæ-leaved Cypress Tree.
Nat. of North America.
Introd. 1736, by Peter Collinson, Esq. *Coll. mss.*
Fl. April and May. H. ♄.

5. C. foliis linearibus patentissimis decussatis. *Willden. sp. pl.* 4. *p.* 513. *juniperoides.*

African Cypress Tree.
Nat. of the Cape of Good Hope.
Cult. before 1756, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. April and May. G. H. ♄.

PLUKENETIA. *Smith nov. act. ups.* 6. *p.* 2.

Masc. *Cal.* 4-partitus. *Cor.* 0. *Stam.* 20.
Fem. *Cal.* 4-partitus. *Cor.* 0. *Stylus* longissimus stigmate peltato, 4-lobo. *Caps.* 4-cocca.

volubilis. 1. P. capsularum angulis compressis carinatis. *Willden. sp. pl.* 4. *p.* 514.
Pluknetia scandens, hederæ foliis serratis, fructu tetragono. *Plum. ic.* 220. *t.* 226.
Twining Plukenetia.
Nat. of the West Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.*
Fl. July and August. S. ♄.

DALECHAMPIA. *Gen. pl.* 1460.

Involucrum commune exterius foliolis 4; interius foliolis 2, trifidis.
Masc. *Umbellula* 10-flora: involucello 2-phyllo: paleis numerosis. *Perianth.* proprium 5-phyllum. *Cor.* 0. *Filam.* plurima, connata.
Fem. *Flosculi* 3: involucello 3-phyllo. *Perianth.* proprium foliolis 11. *Cor.* 0. *Stylus* filiformis. *Caps.* 3-cocca.

scandens. 1. D. foliis trilobis serratis: lobis oblongis serratis, bracteis trilobis ciliatis, pedunculis petiolo brevioribus. *Willden. sp. pl.* 4. *p.* 517.
Dalechampia scandens. *Jacq. amer.* 252. *t.* 160.
Climbing Dalechampia.
Nat. of the West Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.*
Fl. June and July. S. ♄.

ACALYPHA. *Gen. pl.* 1461.

Masc. *Cal.* 3-s. 4-phyllus. *Cor.* 0. *Stam.* 8—16.
Fem. *Cal.* 3-phyllus. *Cor.* 0. *Styli* 3. *Caps.* 3-cocca, 3-locularis. *Sem.* 1.

1. A. floribus femineis ad basin spicæ masculæ, involucris ovatis acuminatis dentatis, foliis oblongo-lanceolatis remote obtuse serratis. *Willden. sp. pl.* 4. *p.* 521. *Schkuhr handb.* 3. *p.* 287. *t.* 311. *virginica.*
Virginian Acalypha.
Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 1.
Fl. July and August. H. ⊙.

2. A spicis axillaribus superne masculis inferne femineis, involucris cordatis acuminatis imbricato-serratis ciliatis, foliis ovatis acuminatis serratis petiolo brevioribus. *Willden. sp. pl.* 4. *p.* 522. *ciliata.*
Acalypha ciliata. *Vahl symb.* 1. *p.* 77. *t.* 20.
Ciliated Acalypha.
Nat. of the East Indies and Guinea.
Introd. 1799, by Mr. Thomas Gibbs.
Fl. July and August. S. ⊙.

3. A. spicis axillaribus superne masculis inferne femineis, involucris glabriusculis serratis, foliis ovatis acuminatis serratis basi cuneatis. *Willden. sp. pl.* 4. *p.* 523. *indica.*
Cupameni. *Rheed. mal.* 10. *p.* 161. *t.* 81.
Indian Acalypha.
Nat. of the East Indies.
Cult. 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. July. S. ⊙.

CROTON. *Gen. pl.* 1462.

Masc. *Cal.* cylindricus, 5-dentatus. *Cor.* 5-petala. *Stam.* 10—15.

FEM. *Cal.* polyphyllus. *Cor.* 0. *Styli* 3, bifidi. *Caps.* 3-locularis. *Sem.* 1.

variegatum. 1. C. foliis lanceolatis integerrimis glabris pictis petiolatis. *Willden. sp. pl.* 4. *p.* 531.
Tsiere-marum. *Rheed. mal.* 6. *p.* 109. *t.* 61.
Variegated-leaved Croton.
Nat. of the East Indies.
Introd. about 1804, by the Right Hon. Charles Greville.
Fl. S. ♄.

lineare. 2. C. foliis linearibus integerrimis obtusis subtus tomentosis, caule fruticoso.
Croton lineare. *Jacqu. amer.* 256. *t.* 162. *f.* 4.
Willow-leaved Croton.
Nat. of the West Indies.
Introd. before 1733, by William Houstoun, M. D. *Mill. dict. ed.* 8. *n.* 8.
Fl. July. S. ♄.

maritimum. 3. C. foliis ellipticis integerrimis obtusiusculis incanis subtus tomentosis petiolatis, spicis terminalibus paucifloris. *Willden. sp. pl.* 4. *p.* 532.
Sea-side Croton.
Nat. of Carolina.
Introd. 1786, by Mr. John Fraser.
Fl. G. H. ♄.

palustre. 4. C. foliis ovato-lanceolatis plicatis serratis scabris. *Willden. sp. pl.* 4. *p.* 535.
Ricinoides palustre, foliis oblongis serratis fructu hispido. *Mart. dec.* 4. *t.* 38.
Marshy Croton.
Nat. of Vera Cruz.
Introd. 1731, by William Houstoun, M.D. *Mart. loc. cit.*
Fl. July and August. S. ⊙.

glabellum. 5. C. foliis ovatis obtusiusculis integerrimis lævibus, fructibus pedunculatis. *Willden. sp. pl.* 4. *p.* 536.

Mali folio arbor artemisiæ odore et flore. *Sloan. jam.* 2. *p.* 30. *t.* 174. *f.* 2.
Laurel-leaved Croton.
Nat. of Jamaica.
Introd. 1778, by Thomas Clark, M. D.
Fl. S. ♄.

6. C. foliis ovato rhombeis repandis basi integerrimis utrinque canis, pedunculis terminalibus subtrifloris, capsulis squamato-pubescentibus pendulis. *Willden. sp. pl.* 4. *p.* 538. *tinctorium.*
Ricinoides ex qua paratur Tournesol gallorum. *Nissole in act. paris.* 1712. *p.* 336. *t.* 17.
Officinal Croton.
Nat. of Spain and the South of France.
Cult. 1570. *Lobel. adv.* 101.
Fl. July. H. ⊙.

7. C. foliis ovatis apice serratis canis subtus tomentosis, stipulis ciliatis, spicis terminalibus subcapitatis bracteatis. *Willden. sp. pl.* 4. *p.* 542. *argenteum.*
Silver-leaved Croton.
Nat. of South America.
Introd. before 1733, by William Houstoun, M. D. *Mill. dict. ed.* 8. *n.* 2.
Fl. July and August. S. ⊙.

8. C. foliis ovatis acuminatis serratis glabris basi biglandulosis, petiolis folio brevioribus, racemis terminalibus. *Willden. sp. pl.* 4. *p.* 543. *Tiglium.*
Cadel avanacu. *Rheed. mal.* 2. *p.* 61. *t.* 33.
Purging Croton.
Nat. of the East Indies. William Roxburgh, M. D.
Introd. 1796, by Mr. Peter Good.
Fl. August and September. S. ♄.

9. C. foliis cordatis acuminatis serrulatis supra scabris subtus tomentosis basi quadriglandulosis. *Willden. sp. pl.* 4. *p.* 549. *pungens.*
Croton pungens. *Jacqu. ic.* 3. *t.* 622.
Pungent Croton.

Nat. of Caracas.
Introd. 1791, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

penicillatum. 10. C. foliis subrotundo-cordatis acuminatis integerrimis glanduloso-ciliatis subtus tomentosis, fasciculo glandularum pedicellatarum in foliorum basi et ad utrumque latus petioli. *Willden. sp. pl.* 4. *p.* 549.
Croton penicillatum. *Venten. choix* 12.
Pencil'd Croton.
Nat. of the Island of Cuba.
Introd. 1799, by the Marchioness of Bute.
Fl. July and August. S. ♄.

aromaticum. 11. C. foliis oblongis subcordatis serrulatis scabris subtus pubescentibus basi biglandulosis: serraturis infimis pedicellato-glandulosis, racemo terminali. *Willden. sp. pl.* 4. *p.* 549.
Halecus littorea. *Rumph. amb.* 3. *p.* 197. *t.* 126.
Aromatic Croton.
Nat. of Ceylon and China.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

humile. 12. C. foliis ovatis acutis subcordatis integerrimis supra scabris subtus tomentosis. *Willden. sp. pl.* 4. *p.* 550.
Humble Croton.
Nat. of Jamaica.
Introd. 1799, by the Marchioness of Bute.
Fl. S. ♄.

moluccanum. 13. C. foliis subcordatis angulatis obtusis repandis scabris subtus tomentosis. *Willden. sp. pl.* 4. *p.* 551
Molucca Croton.
Nat. of Ceylon and the Molucca Islands.
Introd. 1803, by Mons. Thouin.
Fl. S. ♄.

14. C. foliis oblongo-lanceolatis subcordatis scabris subtus tomentosis basique biglandulosis, ramulis densius tomentosis. *Willden. sp. pl.* 4. *p.* 554. *Astroites.*
Woolly Croton.
Nat. of the West Indies. Mr. *Fr. Masson.*
Introd. 1782.
Fl. July and August. S. ♄.

15. C. foliis tri- quinquelobisve serratis, petiolis hirtis, caule herbaceo. *Willden. sp. pl.* 4. *p.* 555. *lobatum.*
Ricinoides herbaceum, foliis trifidis s. quinquefidis et serratis. *Mart. dec.* 5. *t.* 46.
Various-leaved Croton.
Nat. of Vera Cruz.
Introd. 1730, by William Houstoun, M. D. *Mart. loc. cit.*
Fl. July and August. S. ☉.

JATROPHA. *Gen. pl.* 1463.

Masc. *Cal.* 0. s. 5-phyllus. *Cor.* 1-petala, infundibuliformis. *Stam.* 10: alterna breviora.
Fem. *Cal.* 0. *Cor.* 5-petala, patens. *Styli* 3, bifidi. *Caps.* trilocularis. *Sem.* 1.

1. J. foliis cordatis quinquelobis serratis glanduloso-ciliatis, pilis ramosis glandulosis in foliorum axillis et petiolis. *Willden. sp. pl.* 4. *p.* 557. *gossypifolia.*
Ricinus minor staphysagriæ folio, flore pentapetalo purpureo. *Sloan. jam.* 1. *p.* 129. *t.* 84.
Cotton-leaved Physic-nut, or Wild Cassava.
Nat. of the West Indies.
Introd. 1690, by the Earl of Portland. *Br. Mus. Sloan. mss.* 3370.
Fl. most part of the Summer. S. ♃.

2. J. foliis ovatis acuminatis integerrimis glaberrimis, racemis subcymosis. *Willden. sp. pl.* 4. *p.* 559. *Botan. magaz.* 1464. *integerrima.*
Spicy Jatropha.
Nat. of the Island of Cuba.

Introd. 1809, by Messrs. Fraser.
Fl. most part of the Summer. S. ♄.

panduræfolia. 3. J. foliis oblongis subpanduræformibus acuminatis integerrimis basi angulatis utrinque bidentatis. *Willden. sp. pl.* 4. *p.* 560.
Jatropha panduræfolia. *Botan. magaz.* 604. *Andrews's reposit.* 267. *Venten. malmais.* 52.
Fiddle-leaved Physic-nut.
Nat. of the Island of Cuba.
Introd. 1800, by Messrs. Fraser.
Fl. in the Spring and Summer. S. ♄.

Curcas. 4. J. foliis cordatis angulatis. *Willden. sp. pl.* 4. *p.* 560. *Jacqu. hort. vindob.* 3. *p.* 36. *t.* 63.
Angular-leaved Physic-nut.
Nat. of South America.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Ricinoides 1.
Fl. S. ♄.

multifida. 5. J. foliis palmatis undecimlobis lævibus: lobis pinnatifidis cuneatis, stipulis setaceis multifidis. *Willden. sp. pl.* 4. *p.* 561. *Salisb. paradis.* 91.
French Physic-nut.
Nat. of South America.
Cult. 1696, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. June—August. S. ♄.

Manihot. 6. J. foliis indivisis tri- quinquelobo-palmatis integerrimis subtus glaucis. *Willden. sp. pl.* 4. *p.* 562.
Ricinus minor, viticis obtuso folio, caule verrucoso, flore pentapetalo albido, ex cujus radice tuberosa, succo venenato turgida, Americani panem conficiunt. *Sloan. jam.* 1. *p.* 130. *t.* 85.
Eatable-rooted Physic-nut, or Cassava.
Nat. of South America.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Manihot 1.
Fl. July and August. S. ♄.

7. J. foliis quinquelobis cordatis dentatis hispidis urentibus. *Willden. sp. pl.* 4. *p.* 563. *Jacqu. hort. vindob.* 1. *p.* 8. *t.* 21. *urens.*
Stinging Physic-nut.
Nat. of Brazil.
Introd. 1690, by the Earl of Portland. *Br. Mus. Sloan. mss.* 3370.
Fl. May—July. S. ♄.

8. J. aculeata, foliis trilobis, caule herbaceo. *Willden. sp. pl.* 4. *p.* 563. *Reliqu. houst.* 6. *t.* 15. *herbacea.*
Annual Physic-nut.
Nat. of Vera Cruz.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 4.
Fl. July and August. S. ⊙.

RICINUS. *Gen. pl.* 1464.

MASC. *Cal.* 5-partitus. *Cor.* 0. *Stam.* numerosa.
FEM. *Cal.* 3-partitus. *Cor.* 0. *Styli* 3, bifidi. *Caps.* 3-locularis. *Sem.* 1.

1. R. foliis peltatis palmatis: lobis lanceolatis serratis, caule herbaceo pruinoso, stigmatibus tribus apice bifidis, capsulis echinatis. *Willden. sp. pl.* 4. *p.* 564. *Regn. bot.* *communis.*
Common Palma Christi, or Castor-oil Plant.
Nat. of both Indies.
Cult. 1548. *Turner's names of herbes, sign. Fvij.*
Fl. July and August. S. ♂.

2. R. foliis peltatis palmatis: lobis oblongis dentatis: intermedio obsolete trilobo, caule herbaceo pruinoso, stigmatibus sex simplicibus, capsulis echinatis. *Willden. sp. pl.* 4. *p.* 564. *hort. berolin.* 49. *viridis.*
Green Palma Christi.
Nat. of the East Indies.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. August. S. ⊙.

lividus. 3. R. foliis peltatis palmatis coloratis: lobis oblongis serrato-dentatis, caule fruticoso lævi colorato, stigmatibus sex, capsulis echinatis. *Willden. sp. pl.* 4. *p.* 565.
Ricinus lividus. *Jacq. ic.* 1. *t.* 196.
Livid-leaved Palma Christi.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. July. G. H. ♄.

inermis. 4. R. foliis peltatis palmatis: lobis oblongis serratis, caule fruticoso pruinoso, stigmatibus tribus bifidis, capsulis inermibus. *Willden. sp. pl.* 4. *p.* 565.
Ricinus inermis. *Jacqu. ic.* 1. *t.* 195.
Smooth-capsuled Palma Christi.
Nat. of both Indies.
Cult. before 1758, by Mr. Ph. Miller. *Mill. ic.* 2. *p.* 147. *t.* 220.
Fl. July and August. S. ♂.

Tanarius. 5. R. foliis peltatis ovatis acuminatis repando-dentatis, capsulis echinatis. *Willden. sp. pl.* 4. *p.* 566.
Tanarius minor. *Rumph. amb.* 3. *p.* 190. *t.* 121.
Scollop-leaved Palma Christi.
Nat. of the East Indies.
Introd. 1810, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July—September. S. ♂.

OMPHALEA. *Gen. pl.* 1468.

Masc. *Cal.* 4-partitus. *Cor.* 0. *Nect.* annulus carnosus. *Filam.* columnare. *Anth.* 2. s. 3.
Fem. *Cal.* 4-partitus. *Cor.* 0. *Stylus* brevissimus. *Stigma* trifidum. *Caps.* 3-cocca, 3-locularis; loculis nuce solitaria instructis.

triandra. 1. O. foliis oblongis obtusis glaberrimis, floribus triandris, caule arboreo. *Willden. sp. pl.* 4. *p.* 570.

Long-leaved Omphalea.
Nat. of Jamaica.
Cult. 1763, by Mr. Philip Miller.
Fl. June and July. S. ♄.

HIPPOMANE. *Gen. pl.* 1471.

MASC. *Cal.* campanulatus, emarginatus. *Cor.* 0. *Filam.* columnare. *Anth.* 4.
FEM. *Cal.* 3-phyllus. *Cor.* 0. *Stylus* brevissimus. *Stigm.* 7-fidum. *Drupa* nuce 7-loculari.

1. HIPPOMANE. *Willden. sp. pl.* 4. *p.* 571. *Mancinella.*
Mancanilla pyri facie. *Catesb. carol.* 2. *p.* 95. *t.* 95.
Manchineel Tree.
Nat. of the West Indies.
Introd. 1690, by the Earl of Portland. *Br. Mus. Sloan. mss.* 3370.
Fl. S. ♄.

SAPIUM. *Gen. pl.* 1469.

MASC. *Cal.* bifidus. *Cor.* 0. *Filam.* bifidum.
FEM. *Cal.* 3-dentatus. *Cor.* 0. *Styl.* brevissimus. *Stigm.* 3-fidum. *Caps.* 3-cocca.

1. S. foliis oblongis acuminatis serrulatis, petiolis apice biglandulosis. *Willden. sp. pl.* 4. *p.* 572. *aucuparium.*
Sapium aucuparium. *Jacqu. amer.* 249. *t.* 158.
Two-glanded Sapium.
Nat. of the West Indies.
Cult. 1692, in the Royal Garden at Hampton-Court. *Pluk. phyt. t.* 229. *f.* 8.
Fl. S. ♄.

PHYLLANTHUS. *Gen. pl.* 1412.

MASC. *Cal.* 6-partitus. *Cor.* 0. *Filam.* columnare. *Anth.* 3.
FEM. *Cal.* 6-partitus. *Cor.* 0. *Nect.* margo 12-angulatus. *Styli* 3. *Caps.* 3-cocca.

1. P. foliis obovatis obtusiusculis, floribus geminis axillaribus *obovatus.*

axillaribus pedicellatis, caule ramoso tereti erecto. *Willden. sp. pl.* 4. *p.* 574.
Annual Carolina Phyllanthus.
Nat. of North America. *William Hamilton,* Esq.
Introd. 1803, by Robert Barclay, Esq.
Fl. July and August. H. ⊙.

maderaspatensis. 2. P. foliis lanceolato-cuneiformibus obtusis mucronatis, floribus solitariis pedunculatis axillaribus, caule fruticoso ramoso. *Willden. sp. pl.* 4. *p.* 575.
Madras Phyllanthus.
Nat. of the East Indies.
Cult. 1783, by Mr. Daniel Grimwood.
Fl. July. S. ♄.

grandifolius. 3. P. foliis ovato-oblongis obtusis mucronatis, floribus axillaribus ternis, ramulis compresso-triquetris. *Willden. sp. pl.* 4. *p.* 577.
Great-leaved Phyllanthus.
Nat. of America.
Cult. 1771, by Mr. William Malcolm.
Fl. S. ♄.

virosus. 4. P. foliis elliptico-ovatis obtusis basi attenuatis, floribus axillaribus aggregatis divisis, ramulis tetragono-compressis. *Willden. sp. pl.* 4. *p.* 578.
Venomous Phyllanthus.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

Conami. 5. P. foliis ovatis acutis, floribus axillaribus subumbellatis, pedunculis filiformibus basi bibracteatis, ramulis compressis. *Willden. sp. pl.* 4. *p.* 579.
Conami brasiliensis. *Aublet guian.* 2. *p.* 927. *t.* 354.
Brazilian Phyllanthus.
Nat. of the West Indies, Guiana, and the Brazils.

Introd. 1791, by Edward Elcock, Esq.
Fl. July. S. ♄.

6. P. foliis lanceolatis acutis, floribus terminalibus subternis, ramulis pinnæformibus ancipitibus. *Willden. sp. pl.* 4. *p.* 582. *racemosus.*
Racemed Phyllanthus.
Nat. of the East Indies.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. S. ♄.

7. P. foliis pinnatis floriferis: foliolis ellipticis obtusis, pedunculis axillaribus: inferioribus subgeminis masculis; superioribus solitariis femineis, petiolis cauleque erecto teretibus. *Willden. sp. pl.* 4. *p.* 583. *Niruri.*
Kirganeli. *Rheed. mal.* 10. *p.* 29. *t.* 15.
Annual Phyllanthus.
Nat. of the East Indies.
Cult. 1692, in the Royal Garden at Hampton-Court. *Pluk. phyt. t.* 183. *f.* 5.
Fl. June—September. S. ⊙.

8. P. foliis pinnatis floriferis: foliolis linearibus obtusis mucronatis, floribus axillaribus solitariis: femineis superioribus, caule fruticoso, petiolis compressiusculis. *Willden. sp. pl.* 4. *p.* 586. *polyphyllus.*
Many-leaved Phyllanthus.
Nat. of the East Indies.
Introd. 1805.
Fl. July—September. G. H. ♄.

9. P. foliis pinnatis floriferis: foliolis linearibus acutiusculis, floribus axillaribus aggregatis, caule fruticoso, petiolis teretibus pubescentibus. *Willden. sp. pl.* 4. *p.* 587. *Emblica.*
Nili-camaram. *Rheed. mal.* 1. *p.* 69. *t.* 38.
Shrubby Phyllanthus.
Nat. of the East Indies.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 3.
Fl. S. ♄.

XYLO-

XYLOPHYLLA. *Gen. pl.* 511.

Masc. *Cal.* 6-partitus. *Cor.* 0. *Nect.* glandulæ 6, globosæ.

Fem. *Cal.* et *Nectar.* ut in masc. *Germ.* superum. *Styli* 3. *Stigm.* 3-partita. *Caps.* 3-locularis. *Sem.* 2, in singulis loculamentis.

latifolia. 1. X. foliis pinnatis lato-lanceolatis crenatis, floribus pedunculatis hermaphroditis hexandris femineisque mixtis. *Willden. sp. pl.* 1. *p.* 1500.
Xylophylla latifolia. *Botan. magaz.* 1021.
Broad-leaved Xylophylla, or Sea-side Laurel.
Nat. of Jamaica.
Introd. 1783, by Matthew Wallen, Esq.
Fl. August—October. S. ♄.

falcata. 2. X. foliis sparsis lineari-lanceolatis subfalcatis crenatis, floribus subsessilibus triandris monoicis. *Willden. sp. pl.* 1. *p.* 1501. *Andrews's reposit.* 331.
Sickle-leaved Sea-side Laurel.
Nat. of the Bahama Islands.
Cult. before 1699, in the Royal Garden at Hampton-court. *Moris. hist.* 3. *p.* 559. Phyllanthos.
Fl. July and August. S. ♄.

angustifolia. 3. X. foliis pinnatis lineari-lanceolatis lineatis crenatis, floribus pedunculatis hermaphroditis. *Willden. sp. pl.* 1. *p.* 1501.
Narrow-leaved Sea-side Laurel.
Nat. of Jamaica.
Cult. before 1789.
Fl. July and August. S. ♄.

ramiflora. 4. X. foliis ellipticis, floribus axillaribus. *Willden. sp. pl.* 1. *p.* 1502.
Pharnaceum suffruticosum. *Pallas it.* 3. *p.* 716. *tab. E. fig.* 2.
Siberian Sea-side Laurel.
Nat. of Siberia.

Introd. 1783, by John Bell, Esq.
Fl. July and August. H. ♄.

STILLINGIA. *Gen. pl.* 1470.

Masc. *Cal.* hemisphæricus, multiflorus. *Cor.* tubulosa, erosa.
Fem. *Cal.* 1-florus, inferus. *Cor.* supera. *Styl.* 3-fidus. *Caps.* 3-cocca.

1. S. foliis sessilibus oblongo-obtusis basi attenuatis serrulatis, caule herbaceo. *Willden. sp. pl.* 4. *p.* 588. *sylvatica.*
Wood Stillingia.
Nat. of Carolina.
Introd. 1787, by Thomas Walter, Esq.
Fl. July and August. G. H. ♃.

2. S. foliis petiolatis rhombeis acuminatis integerrimis, caule arboreo. *Willden. sp. pl.* 4. *p.* 588. *sebifera.*
Evonymo affinis sinarum, populi nigræ folio tricapsularis, granis nigris candidissima substantia obductis, sebifera. *Pluk. amalth.* 76. *t.* 390. *f.* 2.
Poplar-leaved Stillingia, or Tallow Tree.
Nat. of China.
Cult. 1703, by Mr. — Cole. *Philosoph. transact.* *n.* 286. *p.* 1427. *n.* 90.
Fl. September. S. ♄.

ALEURITES. *Gen. pl.* 1472.

Masc. *Cal.* trifidus. *Cor.* 5-petala. *Nect.* squamæ 5. *Filam.* columnare. *Anth.* numerosæ.
Fem. *Cal.* trifidus. *Cor.* 5-petala. *Nect.* squamæ 5. *Styl.* 0. *Stigm.* 2. *Bacca* 2-cocca.

1. A. foliis trilobis. *Willden. sp. pl.* 4. *p.* 590. *triloba.*
Aleurites moluccana. *Willden. sp. pl.* 4. *p.* 590.
Three-lobed Aleurites. Candle Tree.
Nat. of the Society Islands. Messrs. Wiles and Smith.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

HURA. *Gen. pl.* 1475.

Masc. *Amentum* imbricatum. *Perianth.* truncatum, 2-phyllum. *Cor.* 0. *Filam.* cylindrica, apice peltata, cincta. *Anth.* plurimis geminatis.
Fem. *Cal.* cylindricus. *Cor.* 0. *Stylus* infundibulif. *Stigm.* 12-fidum. *Caps.* 12-locularis. *Sem.* 1.

crepitans. 1. Hura. *Willden. sp. pl.* 4. *p.* 592. *Ehret pict.* 12.
Sand-box Tree.
Nat. of Mexico and the West Indies.
Introd. before 1733, by William Houstoun, M. D. *Mill. dict. ed.* 6.
Fl. S. ♄.

STERCULIA. *Gen. pl.* 828.

Masc. *Cal.* 5-partitus. *Cor.* 0. *Filam.* columnare, terminatum *Antheris* numerosis.
Fem. *Cal.* 5-partitus. *Cor.* 0. *Antheræ* steriles cingentes basin germinum, pedicello elevatorum. *Folliculi* 5, polyspermi.

Balanghas. 1. S. foliis ovato-lanceolatis, capsulis obovatis. *Willden. sp. pl.* 2. *p.* 872.
Southwellia nobilis. *Salisb. paradis.* 69.
Coronet-flower'd Sterculia.
Nat. of the East Indies.
Introd. 1787, by Lady Amelia Hume.
Fl. June—September. S. ♄.

crinita. 2. S. foliis ovatis trilobisve, capsulis basi crinitis. *Willden. sp. pl.* 2. *p.* 872.
Ivira pruriens. *Aubl. guian.* 2. *p.* 694. *t.* 279.
Hairy-capsuled Sterculia.
Nat. of the West Indies and Guiana. Mr. *Alex. Anderson.*

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

3. S. foliis quinquelobis: lobis acuminatis, calycibus campanulatis, capsulis ovatis hispidis. *Willden. sp. pl.* 2. *p.* 873. *urens.*
Sterculia urens. *Roxb. corom.* 1. *p.* 25. *t.* 24.
Stinging Sterculia.
Nat. of the East Indies.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

4. S. foliis palmato-quinquelobis, calycibus rotatis reflexis. *Willden. sp. pl.* 2. *p.* 873. *platanifolia.*
Firmiana. *Marsili in act. acad. patav.* 1. *p.* 106. *t.* 1, 2.
Plane-tree-leaved Sterculia.
Nat. of Japan and China.
Cult. 1757, by Hugh Duke of Northumberland.
Fl. July. G. H. ♄.

5. S. foliis digitatis. *Willden. sp. pl.* 2. *p.* 874. *fœtida.*
Karil. *Rheed. mal.* 4. *p.* 75. *t.* 36.
Fetid Sterculia.
Nat. of the East Indies.
Cult. 1690, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. S. ♄.

HERITIERA. *Gen. pl.* 1766.

MASC. *Cal.* 5-dentatus. *Cor.* 0. *Filam.* columnare, infra apicem cinctum *Antheris.*
FEM. *Cal.* 5-dentatus. *Cor.* 0. *Antheræ* steriles ad basin germinum. *Drupæ* exsuccæ 5, monospermæ.

1. H. foliis basi rotundatis.
Heritiera littoralis. *Willden. sp. pl.* 4. *p.* 971. *littoralis.*
Balanopteris minor. *Gærtn. sem.* 2. *p.* 95. *t.* 98.
Nagam. *Rheed. mal.* 6. *p.* 37. *t.* 21.

Looking-glass Plant.
Nat. of Pulo Condore. Mr. David Nelson.
Introd. 1780, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

ARECA. *Gen. pl.* 1696.

Spatha universalis, bivalvis.

Masc. *Cal.* 3-partitus. *Cor.* 3-petala. *Stam.* 6, basi cohærentia.

Fem. *Cal.* 3-phyllus. *Cor.* 3-petala. *Nect.* 6-dentatum. *Styl.* 3, brevissimi. *Drupa* 1-sperma.

Catechu. 1. A. frondibus pinnatis: foliolis plicatis terminalibus præmorsis, stipitibus spadicibusque ramosis lævibus, fructibus subrotundo-ovatis. *Willden. sp. pl.* 4. *p.* 594. *Roxb. corom.* 1. *p.* 54. *t.* 75.
Caunga. *Rheed. mal.* 1. *p.* 9. *t.* 5—8.
Medicinal Cabbage Tree.
Nat. of the East Indies.
Introd. 1690, by the Earl of Portland. *Br. Mus. Sloan. mss.* 3370.
Fl. S. ♄.

oleracea. 2. A. frondibus pinnatis: foliolis linearibus acutis, stipitibus spadicibusque ramosis lævibus, fructibus oblongis incurvatis. *Willden. sp. pl.* 4. *p.* 596.
Areca oleracea. *Jacqu. amer.* 278. *t.* 170.
Esculent Cabbage Tree.
Nat. of the West Indies.
Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Tradesc.* 94.
Fl. S. ♄.

TRICHOSANTHES. *Gen. pl.* 1476.

Masc. *Cal.* 5-dentatus. *Cor.* 5-partita, ciliata. *Filam.* 3.

Fem. *Cal.* 5-dentatus. *Cor.* 5-partita, ciliata. *Styl.* 3-fidus. *Pepo* oblongus.

1. T. pomis teretibus oblongis incurvis, foliis cordatis repandis mucronato-denticulatis. *Willden. sp. pl.* 4. *p.* 598. *Botan. magaz.* 722. *Anguina.*
Snake Gourd.
Nat. of China.
Cult. 1755, by Mr. Ph. Miller. *Mill. ic.* 1. *p.* 21. *t.* 32.
Fl. May and June. F. ⊙.

2. T. pomis ovatis acutis, foliis subrotundo-cordatis angulatis repandis. *Willden. sp. pl.* 4. *p.* 600. *cucumerina.*
Pada valam. *Rheed. mal.* 8. *p.* 39. *t.* 15.
Cucumber Trichosanthes.
Nat. of the East Indies.
Introd. 1804, by Lieutenant-Colonel Thomas Hardwicke.
Fl. June and July. F. ⊙.

3. T. pomis oblongis acutis, foliis quinquelobo-palmatis integerrimis. *Willden. sp. pl.* 4. *p.* 601. *tuberosa.*
Anguria fructu parvo florum segmentis ramosis. *Plum. ic. t.* 24.
Tuberous Trichosanthes.
Nat. of the West Indies.
Introd. 1810, by Mons. Thouin.
Fl. June and July. S. ♃.

MOMORDICA. *Gen. pl.* 1477.

MASC. *Cal.* 5-fidus. *Cor.* 5-partita. *Filam.* 3.
FEM. *Cal.* 5-fidus. *Cor.* 5-partita. *Styl.* 3-fidus. *Pepo* elastice dissiliens.

1. M. pomis subrotundo-ovatis utrinque attenuatis angulatis tuberculatis, bractea cordata dentata supra medium pedunculi, foliis glabris quinquelobo-palmatis dentatis. *Willden. sp. pl.* 4. *p.* 601. *Regn. bot.* *Balsamina.*
Common Momordica, or Male Balsam Apple.
Nat. of India.
Cult. 1568. *Turn. herb. part* 3. *p.* 16.
Fl. June and July. F. ⊙.

2. M. po-

Charantia. 2. M. pomis oblongis acuminatis angulatis tuberculatis, bractea cordata integerrima infra medium pedunculi, foliis septemlobo-palmatis dentatis subhirsutis. *Willden. sp. pl.* 4. *p.* 602.
Pandipanel. *Rheed. mal.* 8. *p.* 17. *t.* 9.
Hairy Momordica.
Nat. of the East Indies.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 50. *n.* 18.
Fl. June and July. F. ⊙.

operculata. 3. M. pomis ellipticis angulato-tuberculatis rostratis: rostro deciduo operculatis, foliis quinquelobis dentatis. *Willden. sp. pl.* 4. *p.* 603.
Luffa arabum fructu echinato, fructus momordicæ vulgaris facie. *Nissole in act. paris.* 1730. *p.* 578. *t.* 25.
Rough-fruited Momordica.
Nat. of the West Indies.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 4.
Fl. June—September. F. ⊙.

Luffa. 4. M. pomis cylindraceo-oblongis: sulcis catenulatis, bractea cordata integerrima ad basin pedunculi, foliis subquinquelobis dentatis subhirsutis. *Willden. sp. pl.* 4. *p.* 603.
Perola. *Rumph. amb.* 5. *p.* 405. *t.* 147.
Egyptian Momordica.
Nat. of the East Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Luffa 1.
Fl. July and August. F. ⊙.

Elaterium. 5. M. pomis ellipticis hispidis, foliis cordatis hispidis obtusis dentatis, caule cirrhis nullis. *Willden. sp. pl.* 4. *p.* 605. *Regn. bot.*
Squirting Momordica, or Cucumber.
Nat. of the South of Europe.
Cult. 1548. *Turner's names of herbes, sign. Cvj.*
Fl. June and July. H. ♃.

CUCURBITA. *Gen. pl.* 1478.

MASC. *Cal.* 5-dentatus. *Cor.* 5 fida. *Filamenta* 3.
FEM. *Cal.* 5-dentatus. *Cor.* 5-fida. *Pist.* 3-fidum. *Peponis* semina margine tumido.

1. C. foliis cordatis rotundato-obtusis pubescentibus denticulatis basi subtus biglandulosis, pomis lignosis clavatis. *Willden. sp. pl.* 4. *p.* 606. *lagenaria.*
Cucurbita lagenaria. *Rumph. amb.* 5. *p.* 397. *t.* 144.
Bottle Gourd.
Nat. of both Indies.
Cult. 1597. *Ger. herb.* 777.
Fl. July—September. H. ⊙.

2. C. foliis subcordatis subtrilobis cuspidatis argute denticulatis scabris, fructibus globosis lævibus. *Willden. sp. pl.* 4. *p.* 607. *aurantia.*
Orange-fruited Gourd.
Nat.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. June—August. F. ⊙.

3. C. foliis cordatis obtusis subquinquelobis denticulatis, pomis subrotundis oblongisve lævibus. *Willden. sp. pl.* 4. *p.* 609. *Pepo.*
Cucurbita indica rotunda. *Dalech. hist.* 616.
Pompion, or Pumpkin Gourd.
Nat. of the Levant.
Cult. before 1570. *Lobel. adv.* 286.
Fl. June—August. H. ⊙.

4. C. foliis cordatis denticulatis profunde quinquelobis: lobo medio basi angustato, pomis subrotundo-ellipticis verrucosis. *Willden. sp. pl.* 4. *p.* 609. *verrucosa.*
Cucurbita verrucosa. *Bauh. hist.* 2. *p.* 222.
Warted Gourd.
Nat.
Cult. 1658, in the Oxford Garden. *Hort. oxon. ed.* 2. *p.* 51. *n.* 5.
Fl. June and July. H. ⊙.

5. C. fo-

Melopepo. 5. C. foliis cordatis obtusis subquinquelobis denticulatis, pomis depresso-umbonatis margine tumidis. *Willden. sp. pl.* 4. *p.* 610.
Cucurbita clypeiformis s. Siciliana. *Bauh. hist.* 2. *p.* 224.
Squash Gourd.
Nat.
Cult. 1597. *Ger. herb.* 774. *f.* 4.
Fl. most part of the Summer. H. ⊙.

Citrullus. 6. C. foliis quinquelobis: lobis sinuato-pinnatifidis obtusis, pomis ellipticis lævibus. *Willden. sp. pl.* 4. *p.* 610.
Anguria indica. *Rumph. amb.* 5. *p.* 400. *t.* 146. *f.* 1.
Water Melon.
Nat. of the South of Europe.
Cult. before 1597, by Mr. John Gerard. *Ger. herb.* 767.
Fl. most part of the Summer. F. ⊙.

CUCUMIS. *Gen. pl.* 1479.

Masc. *Cal.* 5-dentatus. *Cor.* 5-partita. *Filam.* 3.
Fem. *Cal.* 5-dentatus. *Cor.* 5-partita. *Pist.* 3-fidum. *Peponis* semina arguta.

Colocynthis. 1. C. foliis multifidis, pomis globosis glabris. *Willden. sp. pl.* 4. *p.* 611.
Colocynthis. *Camer. epit.* 982.
Bitter Cucumber, or Gourd.
Nat. of the Cape of Good Hope.
Cult 1551. *Turn. herb. part* 1. *sign. Niij.*
Fl. May—August. F. ⊙.

prophetarum. 2. C. foliis cordatis quinquelobis denticulatis obtusis, pomis globosis spinoso-muricatis. *Willden. sp. pl.* 4. *p.* 611. *Jacqu. hort. vindob.* 1. *p.* 3. *t.* 9.
Globe Cucumber.
Nat. of the Levant.

Introd. 1777, by Nicholas Joseph de Jacquin, M. D.
Fl. June—September. F. ⊙.

3. C. foliis palmato-sinuatis, pomis globosis echinatis. *Willden. sp. pl.* 4. *p.* 612. *Anguria.*
Anguria americana, fructu echinato eduli. *Mill. ic.* 1. *p.* 22. *t.* 33.
Round prickly-fruited Cucumber.
Nat. of Jamaica.
Cult. 1692, by Bishop Compton. *Pluk. phyt. t.* 170. *f.* 3.
Fl. July and August. F. ⊙.

4. C. foliis rotundato-angulatis, pomis angulis decem acutis. *Willden. sp. pl.* 4. *p.* 612. *Jacqu. hort. vindob.* 3. *p.* 40. *t.* 73, 74. *acutangulus.*
Acute-angled Cucumber.
Nat. of India.
Cult. before 1692, by Bishop Compton. *Pluk. phyt. t.* 172. *f.* 1.
Fl. June—September. H. ⊙.

5. C. foliorum angulis rotundatis, pomis torulosis. *Willden. sp. pl.* 4. *p.* 613. *Melo.*
Melo vulgaris. *Rob. ic.*
Common Melon.
Nat.
Cult. before 1570. *Lobel. adv.* 285.
Fl. most part of the Summer. F. ⊙.

6. C. foliorum angulis rotundatis, pomis sphæricis: umbilico retuso. *Willden. sp. pl.* 4. *p.* 613. *Andrews's reposit.* 548. *Dudaim.*
Apple-shaped Cucumber.
Nat. of the Levant.
Cult. before 1705, by Mr. Watts. *Pluk. amalth.* 143. *n.* 7.
Fl. July and August. F. ⊙.

7. C. hirsutus, foliorum angulis integris dentatis, pomis *Chate.*

pomis fusiformibus utrinque attenuatis hirtis. *Willden. sp. pl.* 4. *p.* 614.
Chate. *Alp. ægypt.* 114. *t.* 117.
Hairy Cucumber.
Nat. of the Levant.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. June. F. ⊙.

sativus. 8. C. foliorum angulis rectis, pomis oblongis scabris. *Willden. sp. pl.* 4. *p.* 615. *Regn. bot.*
Common Cucumber.
Nat. of the East Indies and Tartary.
Cult. 1573. *Tusser fol.* 39. verso.
Fl. July—September. H. ⊙.

flexuosus. 9. C. foliis angulato-sublobatis, pomis cylindricis sulcatis curvatis. *Willden. sp. pl.* 4. *p.* 615.
Cucumis oblongus. *Dod. pempt.* 662.
Snake Cucumber, or Melon.
Nat. of the East Indies.
Cult. 1597. *Ger. herb.* 763. *f.* 3.
Fl. most part of the Summer. F. ⊙.

maderaspatanus. 10. C. foliis cordatis integris denticulatis, pomis globosis glabris. *Willden. sp. pl.* 4. *p.* 615.
Cucumis maderaspatensis, fructu minimo. *Pluk. alm.* 123. *t.* 170. *f.* 2.
Madras Cucumber.
Nat. of the East Indies.
Introd. 1805, by William Roxburgh, M. D.
Fl. July and August. F. ⊙.

BRYONIA. *Gen. pl.* 1480.

Masc. *Cal.* 5-dentatus. *Cor.* 5-partita. *Filam.* 3.
Fem. *Cal.* 5-dentatus. *Cor.* 5-partita. *Styl.* 3-fidus. *Bacca* subglobosa, polysperma.

scabra. 1. B. foliis cordatis angulatis dentatis supra callose punctatis infra pilosis utrinque scabris, floribus umbellatis. *Willden. sp. pl.* 4. *p.* 616.

Globe-fruited Bryony.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. September and October. G. H. ♃.

2. B. foliis cordatis angulatis supra venisque subtus calloso-scabris: callis remotis, cirrhis simplicibus, baccis globosis. *Willden. sp. pl.* 4. *p.* 616. *verrucosa.*
Rough Bryony.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. G. H. ♃.

3. B. foliis cordatis angulatis integerrimis glabris supra calloso-punctatis; subtus basi quinqueglandulosis, pedunculis axillaribus unifloris. *Willden. sp. pl.* 4. *p.* 617. *grandis.*
Vitis alba indica. *Rumph. amb.* 5. *p.* 448. *t.* 166. *f.* 1.
Great-flower'd Bryony.
Nat. of the East Indies.
Introd. 1783, by Mr. John Græffer.
Fl. May—August. S. ♃.

4. B. foliis trilobis dentatis utrinque calloso-hispidis: lobis lateralibus dilatatis angulatis; intermedio elongato, caule muricato hispido. *Willden. sp. pl.* 4. *p.* 619. *scabrella.*
Bristly Bryony.
Nat. of the East Indies. *John Gerard Kœnig,* M. D.
Introd. 1781, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May—July. S. ⊙.

5. B. foliis subtrilobis pilosis basi attenuatis. *Willden. sp. pl.* 4. *p.* 620. *latebrosa.*
Hairy Bryony.
Nat. of the Canary Islands. Mr. *Fr. Masson.*
Introd. 1779.
Fl. June. G. H. ♃.

6. B. fo-

dioica. 6. B. foliis cordatis palmatis quinquelobis dentatis calloso-punctatis, floribus racemosis dioicis. *Willden. sp. pl.* 4. *p.* 621. *Engl. bot.* 439.
Red-berried Bryony.
Nat. of Britain.
Fl. May—September. H. ♃.

cretica. 7. B. foliis cordatis quinquelobis integerrimis utrinque calloso-muricatis. *Willden. sp. pl.* 4. *p.* 621. *Desfont. in annales du mus.* 12. *p.* 117. *t.* 17.
Cretan Bryony.
Nat. of the Island of Candia.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. July—September. G. H. ♃.

ficifolia. 8. B. foliis quinquelobis subdenticulatis: lobis obtusis, petiolis cauleque hispidis. *Willden. sp. pl.* 4. *p.* 622.
Bryonia bonariensis fici folio. *Dill. elth.* 58. *t.* 50. *f.* 58.
Fig-leaved Bryony.
Nat. of Buenos Ayres.
Cult. about 1726, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. G. H. ♃.

palmata. 9. B. foliis palmatis lævibus quinquepartitis: laciniis lanceolatis repando-serratis. *Willden. sp. pl.* 4. *p.* 623.
Palmated Bryony.
Nat. of Ceylon.
Introd. 1778, by Messrs. Gordon and Græffer.
Fl. July and August. S. ♃.

laciniosa. 10. B. foliis quinquepartito-palmatis: laciniis oblongo-lanceolatis acuminatis serratis, petiolis muricatis, pedunculis unifloris, baccis striatis. *Willden. sp. pl.* 4. *p.* 624.
Bryonia zeylanica foliis profunde laciniatis. *Herm. lugdb.* 95. *t.* 97.
Laciniated Bryony.

Nat. of the East Indies.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 50. *n.* 9.
Fl. July and August. S. ♃.

11. B. foliis quinquepartito-palmatis: laciniis pinnatifidis linearibus margine revolutis scabris, floribus umbellatis, baccis acutis. *Willden. sp. pl.* 4. *p.* 624. *dissecta.*
African, or Smooth-leaved Bryony.
Nat. of the Cape of Good Hope.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 50. *n.* 10.
Fl. July and August. G. H. ♃.

SICYOS. *Gen. pl.* 1481.

Masc. *Cal.* 5-dentatus. *Cor.* 5-partita. *Filam.* 3.
Fem. *Cal.* 5-dentatus. *Cor.* 5-partita. *Styl.* 3-fidus. *Pepo* monospermus.

1. S. foliis angulo obtuso cordatis quinquangularibus denticulatis scabris. *Willden. sp. pl.* 4. *p.* 625. *angulata.*
Bryonioides flore et fructu minore. *Dill. elth.* 58. *t.* 51. *f.* 59.
Single-seeded Cucumber. Chocho Vine.
Nat. of North America.
Cult. before 1710. *Philosoph. transact. n.* 325. *p.* 50. *n.* 17.
Fl. July—September. H. ⊙.

GYNANDRIA.

ANDRACHNE. *Gen. pl.* 1483.

Masc. *Cal.* 5-phyllus. *Cor.* 5-petala. *Stam.* 5. *Styli* rudimento inserta.
Fem. *Cal.* 5-phyllus. *Cor.* 0. *Styli* 3. *Caps.* 3-locularis. *Sem.* 2.

1. A. pro-

telephioides. 1. A. procumbens herbacea. *Willden. sp. pl.* 4. *p.* 628. *J. Miller illustr.*
Bastard Orpine.
Nat. of Italy and the Levant.
Cult. 1732, by James Sherard, M. D. *Dill. elth.* 377. *t.* 282. *f.* 364.
Fl. July and August. H. ⊙.

Classis

Classis XXII.

DIOECIA.

MONANDRIA.

PANDANUS. *Gen. pl.* 1481.

MASC. *Cal.* 0. *Cor.* 0. *Stam.* 1. *Fil.* subulatum. *Antheræ* cuspidatæ.
FEM. *Cal.* 0. *Cor.* 0. *Styl.* 2-fidus. *Drupa* composita.

1. P. foliis dorso margineque spinoso-dentatis, fructu globoso solitario. *Willden. sp. pl.* 4. *p.* 645. *Roxb. corom.* 1. *p.* 65. *t.* 94—96. *odoratissimus.*
Sweet-scented Pandanus, or Screw Pine.
Nat. of the East Indies and the South Sea Islands.
Introd. 1771, by Mons. Richard.
Fl. S. ♄.

2. P. caudice stolonibus carente, phalangibus drupa- *spiralis.*
rum 9—20-locularibus: apice depresso tesselato; basi obtusissima. *Brown prodr.* 341.
Spiral Pandanus, or Screw Pine.
Nat. of New South Wales. *Robert Brown*, Esq.
Introd. 1805.
Fl. S. ♄.

DIANDRIA.

CECROPIA. *Gen. pl.* 1492.

MASC. *Spatha* caduca. *Amenta* cylindracea. *Cal.* squamæ turbinatæ, subtetragonæ. *Cor.* 0.
FEM. ut in mare. *Germina* imbricata. *Styl.* 1. *Stigma* lacerum. *Bacca* 1-sperma.

peltata. 1. C. foliis novemlobis: lobis oblongis obtusiusculis supra hispido-scabris; subtus tomentoso-albis. *Willden. sp. pl.* 4. *p.* 651. *Lamarck illustr. t.* 800.
Trumpet-tree, or Snake-wood.
Nat. of Jamaica.
Introd. 1778, by Thomas Clark, M. D.
Fl. S. ♄.

SALIX. *Gen. pl.* 1493.

MASC. *Amentum* cylindraceum. *Cal.* squama. *Cor.* 0. *Glandula* baseos nectarifera.
FEM. *Amentum* cylindraceum. *Cal.* squama. *Cor.* 0. *Stylus* 2-fidus. *Caps.* 1-locularis, 2-valvis. *Sem.* papposa.

* *Foliis glabris serratis.*

triandra. 1. S. foliis lanceolatis acuminatis basi obtusis serratis subtus glaucescentibus, amentis coætaneis triandris, germinibus pedicellatis oblongis tuberculatis glabris, stigmatibus sessilibus. *Willden. sp. pl.* 4. *p.* 654. *Curtis lond. Engl. bot.* 1435.
Long-leaved Triandrous Willow.
Nat. of Britain.
Fl. May—August. H. ♄.

lanceolata. 2. S. triandra, foliis lanceolatis utrinque acuminatis serratis glabris, petiolis decurrentibus, germinibus pedicellatis. *Engl. bot.* 1436.

Sharp-leaved Triandrous Willow.
Nat. of England.
Fl. April and May. H. ♄.

3. S. foliis ovatis basi inæqualibus serratis glabris subtus glaucis, amentis coætaneis triandris, germinibus pedicellatis glabris. *Willden. sp. pl.* 4. *p.* 656. *Engl. bot.* 1936. *amygdalina.*
Almond-leaved Willow.
Nat. of Britain.
Fl. April and May. H. ♄.

4. S. foliis lanceolatis serratis glaberrimis; floralibus dilatatis obtusiusculis, petiolis subglandulosis, germinibus acuminatis pedicellatis, ramis glabris nitidis. *Engl. bot.* 1937. *decipiens.*
White Welch Willow, or Varnish'd Willow.
Nat. of England.
Fl. May. H. ♄.

5. S. foliis lanceolatis acuminatis serratis glabris, amentis coætaneis triandris? germinibus pedicellatis subulatis lævibus, stylis elongatis. *Willden. sp. pl.* 4. *p.* 656. *Engl. bot.* 1808. *Russelliana.*
Bedford Willow.
Nat. of England.
Fl. April and May. H. ♄.

6. S. foliis oblongo-lanceolatis acuminatis serratis glabris subtus glaucis, amentis serotinis hexandris, germinibus ovatis pedicellatis, stylis abbreviatis. *Willden. sp. pl.* 4. *p.* 657. *tetrasperma.*
Salix tetrasperma. *Roxb. corom.* 1. *p.* 66. *t.* 97.
Four-seeded Willow.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1796, by Mr. Peter Good.
Fl. S. ♄.

7. S. foliis ellipticis acuminatis serratis glabris, petiolis superne glandulosis, amentis serotinis pentandris, germinibus lanceolatis glabris. *Willden. sp. pl.* 4. *p.* 658. *Engl. bot.* 1805. *pentandra.*

Sweet

Sweet or Bay-leaved Willow.
Nat. of Britain.
Fl. March—June. H. ♄.

nigricans. 8. S. foliis ellipticis utrinque acutis glabris remote serratis subtus glaucis, amentis præcocibus, capsulis pedicellatis lanceolatis acuminatis sericeis. *Willden. sp. pl.* 4. *p.* 659. *Engl. bot.* 1213.
Dark broad-leaved Willow.
Nat. of England.
Fl. April. H. ♄.

phylicifolia. 9. S. foliis oblongis acuminatis undulato-serratis glabris subtus glaucis: junioribus pubescentibus, amentis præcocibus, capsulis pedicellatis lanceolatis acuminatis glabris. *Willden. sp. pl.* 4. *p.* 659. *Engl. bot.* 1958.
Salix radicans. *Willden. sp. pl.* 4. *p.* 676.
Tea-leaved Willow.
Nat. of Scotland.
Fl. May. H. ♄.

laurina. 10. S. foliis ellipticis acutis denticulato-serratis glabriusculis subtus glaucis, germinibus lanceolatis sericeis. *Willden. sp. pl.* 4. *p.* 662.
Salix bicolor. *Engl. bot.* 1806.
Shining dark-green Willow.
Nat. of England.
Fl. April and May. H. ♄.

tenuifolia. 11. S. foliis ellipticis acutis serratis glabriusculis subtus glaucis, stipulis obsoletis, capsulis glaberrimis. *Willden. sp. pl.* 4. *p.* 662. *Engl. bot.* 2186.
Thin-leaved Willow.
Nat. of Britain.
Fl. May and June. H. ♄.

hastata. 12. S. foliis ovatis acutis basi subcordatis serratis glabris subtus glaucis, petiolis brevissimis glabris,

bris, stipulis semicordatis serratis persistentibus. *Willden. sp pl* 4. *p.* 664.
Salix foliis serratis glabris subovatis sessilibus appendiculatis. *Linn. fl. lapp.* 354. *tab.* 8. *fig. g.*
Halbert-leaved Willow.
Nat. of Switzerland and Lapland.
Introd. about 1780, by Messrs. Kennedy and Lee.
Fl. May. H. ♄.

13. S. foliis lanceolatis serratis glabris subtus glaucis, germinibus pedicellatis ovatis sericeis, stigmatibus sessilibus bilobis. *Willden. sp. pl.* 4. *p.* 665. *Engl. bot.* 1147. *petiolaris.*
Dark long-leaved Willow.
Nat. of Britain.
Fl. April. H. ♄.

14. S. foliis oblongo-lanceolatis acutis basi biglandulosis obtuse serratis glabris subtus glaucis, amentis coætaneis, germinibus lanceolatis pedicellatis glabris. *Willden. sp. pl.* 4. *p.* 666. *myricoides.*
Salix myricoides. *Mühlenberg in act. soc. nat. scrut. berolin.* 4. *p.* 285. *t.* 6. *f.* 2.
Gale-like Willow.
Nat. of Pensylvania.
Introd. 1812, by Mr. Frederick Pursh.
Fl. H. ♄.

15. S. foliis lanceolatis acuminatis glabris subtus glaucescentibus serratis, petiolis pilosiusculis, amentis coætaneis, germinibus sessilibus lanceolatis glabris, stigmatibus sessilibus bilobis. *Willden. sp. pl.* 4. *p.* 668. *Engl. bot.* 1389. *vitellina.*
Yellow Willow. Golden Osier.
Nat. of England.
Fl. March—May. H. ♄.

16. S. foliis lanceolatis acuminatis concoloribus glabris glanduloso-serratis, amentis coætaneis, nectario masculorum gemino, germinibus sub- *fragilis.*

sessilibus lanceolatis glabris. *Willden. sp. pl.* 4. *p.* 669. *Engl. bot.* 1807.
Crack Willow.
Nat. of Britain.
Fl. April and May. H. ♄.

babylonica. 17. S. foliis lanceolatis acuminatis serrulatis glabris subtus glaucis, amentis coætaneis, germinibus ovatis sessilibus glabris. *Willden. sp. pl.* 4. *p.* 671.
Garb arabum. *Rauw. it.* 183. *t.* 25.
Weeping Willow.
Nat. of the Levant.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt. t.* 173. *f.* 5.
Fl. May. H. ♄.

purpurea. 18. S. monandra decumbens, foliis obovato-lanceolatis serratis glabris, stigmatibus brevissimis ovatis subsessilibus. *Willden. sp. pl.* 4. *p.* 672. *Engl. bot.* 1388.
Bitter purple Willow.
Nat. of England.
Fl. March. H. ♄.

Helix. 19. S. monandra erecta, foliis lanceolatis acuminatis serrulatis glabris, stylo elongato filiformi, stigmatibus linearibus. *Willden. sp. pl.* 4. *p.* 672. *Engl. bot.* 1343.
Salix monandra. *Curtis lond.*
Rose Willow.
Nat. of Britain.
Fl. March and April. H. ♄.

Lambertiana. 20. S. monandra erecta, foliis obovato-lanceolatis acutis serratis glabris, stigmatibus brevissimis ovatis emarginatis. *Willden. sp. pl.* 4. *p.* 673. *Engl. bot.* 1359.
Boyton Willow.
Nat. of England.
Fl. March and April. H. ♄.

21. S. mo-

21. S. monandra erecta, foliis substipulatis lanceolatis acutis denticulatis glabris subtus glaucis, stigmatibus linearibus. *Willden. sp. pl.* 4. *p.* 674. *Engl. bot.* 1344. *Forbyana.*
Basket Osier.
Nat. of England.
Fl. April. H. ♄.

22. S. monadelpha? foliis lineari-lanceolatis elongatis acutis denticulatis glabris subtus concoloribus. *Willden. sp. pl.* 4. *p.* 674. *Engl. bot.* 1145. *rubra.*
Green Osier.
Nat. of England.
Fl. April and May. H. ♄.

23. S. monadelpha, foliis ellipticis subserratis glaberrimis subtus glaucis. *Willden. sp. pl.* 4. *p.* 675. *Engl. bot.* 1146. *Croweana.*
Broad-leaved Monadelphous Willow.
Nat. of England.
Fl. April and May. H. ♄.

24. S. foliis elliptico-oblongis dentatis repandis scariosis glaberrimis, stipulis cordatis maximis. *Willden. sp. pl.* 4. *p.* 676. *Engl. bot.* 1617. *malifolia.*
Apple-leaved Willow.
Nat. of England.
Fl. April. H. ♄.

25. S. foliis ovatis serratis glabris: supra lævibus; subtus glaucis, ramulis subpubescentibus, capsulis ovatis sericeis. *Willden. sp. pl.* 4. *p.* 677. *Engl. bot.* 1361. *prunifolia.*
Plum-leaved Willow.
Nat. of Scotland.
Fl. April and May. H. ♄.

26. S. foliis ovatis serratis: supra glabris; subtus glaucis sericeis, capsulis ovatis sericeis, caulibus decumbentibus. *Engl. bot.* 2341. *vacciniifolia.*
Bilberry-leaved Willow.

Nat. of Scotland.
Fl. April and May. H. ♄.

venulosa. 27. S. foliis ovatis serratis glabris: supra reticulato-venosis; subtus glaucescentibus, capsulis ellipticis sericeis. *Smith fl. brit.* 3. *p.* 1055. *Engl. bot.* 1362.
Veiny-leaved Willow.
Nat. of Scotland.
Fl. April and May. H. ♄.

myrsinites. 28. S. foliis ellipticis ovatis undique serrulatis utrinque glabris nitidis concoloribus, ramulis hirtis, amentis præcocibus, capsulis lanceolatis sericeo-pubescentibus. *Willden. sp. pl.* 4. *p.* 678. *Engl. bot.* 1360.
Green Whortle-leaved Willow.
Nat. of Scotland.
Fl. April—June. H. ♄.

carinata. 29. S. foliis ovatis denticulatis glabris compresso-carinatis tenuissime venulosis. *Willden. sp. pl.* 4. *p.* 680. *Engl. bot.* 1363.
Folded-leaved Willow.
Nat. of Scotland.
Fl. April and May. H. ♄.

Arbuscula. 30. S. foliis lanceolatis acutiusculis serrulatis glabris subtus glaucescentibus, amentis coætaneis, capsulis ovato-lanceolatis glabris, stylis geminis. *Willden. sp. pl.* 4. *p.* 681. *Engl. bot.* 1366.
Little Tree Willow.
Nat. of Scotland.
Fl. April. H. ♄.

rupestris. 31. S. foliis obovatis serratis planis æquatis utrinque sericeis, stipulis pilosis, ramis pubescentibus, germinibus pedicellatis subulatis sericeis, stigmatibus indivisis. *Engl. bot.* 2342.
Silky Rock Willow.
Nat. of Scotland.
Fl. April. H. ♄.

32. S. fo-

32. S. foliis elliptico-oblongis acutis serrulatis pubescentulis subtus pallidioribus, stipulis dimidiato-ovatis glabriusculis, ramis pubescentibus, germinibus pedicellatis glabris, stigmatibus bifidis. *Engl. bot.* 2343. *Andersoniana.*
Green Mountain Sallow.
Nat. of Scotland.
Fl. April and May. H. ♄.

33. S. foliis elliptico-obovatis acutis serratis pubescentulis subtus glaucis, stipulis fornicatis, ramis pubescentulis, germinibus pedicellatis sericeis, stigmatibus indivisis. *Engl. bot.* 2344. *Forsteriana.*
Forster's Sallow.
Nat. of Scotland.
Fl. April and May. H. ♄.

34. S. foliis orbiculatis subretusis serratis utrinque nitidis, amentis femineis subquinquefloris, capsulis ovato-lanceolatis glabris. *Willden. sp. pl.* 4. *p.* 682. *Engl. bot.* 1907. *herbacea.*
Least Willow.
Nat. of Britain.
Fl. June. H. ♄.

** *Foliis glabris integerrimis.*

35. S. foliis obovatis integerrimis acutis emarginatisve glabris supra nitidis, amentis femineis oblongis paucifloris, squamis longitudine germinis oblongi. *Willden. sp. pl.* 4. *p.* 684. *retusa.*
Blunt-leaved Willow.
Nat. of Switzerland and Italy.
Introd. 1763, by the Earl of Coventry.
Fl. May. H. ♄.

36. S. foliis elliptico-orbiculatis obtusissimis integerrimis glabriusculis subtus glaucis reticulato-venosis, amentis serotinis longe pedunculatis, germinibus oblongis villosis. *Willden. sp. pl.* 4. *p.* 685. *Engl. bot.* 1908. *reticulata.*
Wrinkled Willow.

Nat. of Britain.
Fl. June and July. H. ♄.

myrtilloides. 37. S. foliis ellipticis integerrimis acutis mucronatis glabris subtus glaucis, capsulis ovatis villosis. *Willden. sp. pl.* 4. *p.* 686.
Salix cæsia. *Villars dauph.* 3. *p.* 768. *t.* 50. *f.* 11.
Myrtle-leaved Willow.
Nat. of Sweden and Iceland.
Introd. 1772, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May. H. ♄.

*** *Foliis villosis.*

glauca. 38. S. foliis oblongo-lanceolatis acutiusculis integerrimis: supra viridibus pubescentibus; subtus villosis albis, amentis ellipticis villosis. *Willden. sp. pl.* 4. *p.* 687. *Engl. bot.* 1810.
Glaucous Mountain Willow.
Nat. of Scotland.
Fl. May. H. ♄.

arenaria. 39. S. foliis oblongis subintegerrimis acutis: supra glabriusculis; subtus albo-tomentosis, amentis masculis oblongis; femineis cylindraceis, germinibus ovatis tomentosis, stylis elongatis. *Willden. sp. pl.* 4. *p.* 689. *Engl. bot.* 1809.
Downy Mountain Willow.
Nat. of Scotland.
Fl. May and June. H. ♄.

cinerea. 40. S. foliis oblongis acuminatis serratis nitidis: subtus glaucis subvillosis, petiolis villosis, stipulis semicordatis serratis deciduis, capsulis ovato-lanceolatis, stylis elongatis. *Willden. sp. pl.* 4. *p.* 690. *Engl. bot.* 1897.
Gray Willow.
Nat. of Britain.
Fl. May. H. ♄.

tristis. 41. S. foliis lanceolatis utrinque attenuatis integerrimis:

mis: supra glabriusculis; subtus rugoso-venosis tomentosis. *Willden. sp. pl.* 4. *p.* 693.
Narrow-leaved American Willow.
Nat. of North America. Mr. *William Young.*
Introd. 1765.
Fl. April. H. ♄.

42. S. foliis ellipticis integerrimis recurvato-acutis: supra pubescentibus; subtus sericeo-pilosis argenteis, germinibus ovato-lanceolatis villosis. *Willden. sp. pl.* 4. *p.* 693. *Engl. bot.* 1364. *argentea.*
Silky Sand Willow.
Nat. of Britain.
Fl. May. H. ♄.

43. S. foliis ellipticis subintegris apice recurvis: subtus glaucis sericeis, caule decumbente, stipulis ovatis integris. *Engl. bot.* 1961. *parvifolia.*
Small-leaved Dwarf Willow.
Nat. of England.
Fl. April and May. H. ♄.

44. S. foliis elliptico-oblongis subserratis apice recurvis: subtus glaucis sericeis, caule decumbente, stipulis ovatis serratis. *Engl. bot.* 1962. *adscendens.*
Ascending Dwarf Willow.
Nat. of England.
Fl. April and May. H. ♄.

45. S. foliis elliptico-lanceolatis integerrimis acutis subtus subsericeis, capsulis demum glabris, caule depresso exstipulato. *Willden. sp. pl.* 4. *p.* 693. *Engl. bot.* 183. *repens.*
Creeping Dwarf Willow.
Nat. of Britain.
Fl. May. H. ♄.

46. S. foliis elliptico-lanceolatis subintegerrimis acutis: supra glabris; subtus sericeo-tomentosis, stipulis lanceolato-subulatis, capsulis lanceolatis pedicellatis sericeis. *Willden. sp. pl.* 4. *p.* 694. *Engl. bot.* 1960. *fusca.*

Brownish Dwarf Willow.
Nat. of Britain.
Fl. May. H. ♄.

prostrata. 47. S. foliis elliptico-lanceolatis subserratis acutis: supra glabris; subtus glaucis sericeis, caule prostrato. *Willden. sp. pl.* 4. *p.* 695. *Engl. bot.* 1959.
Prostrate Dwarf Willow.
Nat. of Britain.
Fl. May. H. ♄.

hirta. 48. S. foliis cordato-ellipticis acutis denticulatis utrinque pubescentibus, stipulis semicordatis denticulatis pubescentibus, ramis pilosis. *Willden. sp. pl.* 4. *p.* 696. *Engl. bot.* 1404.
Hairy-branch'd Willow.
Nat. of England.
Fl. April and May. H. ♄.

Dicksoniana. 49. S. foliis ellipticis acutis leviter denticulatis pubescentibus, amentis ovatis brevibus erectis, germinibus sericeis. *Willden. sp. pl.* 4. *p.* 696. *Engl. bot.* 1390.
Dickson's Willow.
Nat. of Scotland. Mr. *James Dickson.*
Fl. April. H. ♄.

incubacea. 50. S. foliis lanceolatis utrinque attenuatis integerrimis convexis: supra glabris; subtus incanis subsericeis, germinibus lanceolatis sericeis, stigmatibus subsessilibus. *Willden. sp. pl.* 4. *p.* 696.
Salix pumila altera. *Dod. pempt.* 844.
Trailing Willow.
Nat. of Europe.
Introd. 1775, by the Doctors Pitcairn and Fothergill.
Fl. May. H. ♄.

rosmarinifolia. 51. S. foliis lineari-lanceolatis subintegerrimis planis: supra pubescentibus; subtus sericeis, germinibus

bus lanceolatis villosis, stylis elongatis. *Willden. sp. pl.* 4. *p.* 697. *Engl. bot.* 1365.
Rosemary-leaved Willow.
Nat. of Britain.
Fl. April and May. H. ♄.

52. S. foliis obovatis recurvato-acutis apice undulato-serratis: supra viridibus pubescentibus; subtus cano-villosis rugoso-venosis, stipulis subsemicordatis dentatis, capsulis lanceolatis pedicellatis, stigmatibus subsessilibus. *Willden. sp. pl.* 4. *p.* 700. *Engl. bot.* 1487. *aurita.*
Round-ear'd Sallow.
Nat. of Britain.
Fl. April—June. H. ♄.

53. S. foliis obovato-ellipticis subserratis acutis: supra viridibus pubescentibus; subtus glaucis pilosiusculis, stipulis rotundatis dentatis, germinibus pedicellatis lanceolatis villosis, stigmatibus sessilibus. *Willden. sp. pl.* 4. *p.* 701. *Engl. bot.* 1437. *aquatica.*
Common Willow. Water Sallow.
Nat. of Britain.
Fl. April. H. ♄.

54. S. foliis obovato-lanceolatis planis denticulatis acutis: subtus glaucis hirtis, stipulis exiguis. *Willden. sp. pl.* 4. *p.* 702. *Engl. bot.* 1402. *oleifolia.*
Olive-leaved Willow.
Nat. of Britain.
Fl. March. H. ♄.

55. S. foliis elliptico-orbiculatis obsolete denticulatis: subtus villosis: venis rectangulis. *Willden. sp. pl.* 4. *p.* 702. *Engl. bot.* 1403. *cotinifolia.*
Quince-leaved Willow.
Nat. of Britain.
Fl. April. H. ♄.

56. S. foliis ovato-ellipticis acutis integerrimis: supra pubescentibus; subtus glauco-tomentosis; apice subsphacelatis, stipulis obsoletis, capsulis lanceolatis *sphacelata.*

ceolatis pedicellatis pubescentibus, stigmatibus subsessilibus. *Willden. sp. pl.* 4. *p.* 702. *Engl. bot.* 2333.
Wither'd-pointed Willow.
Nat. of Scotland.
Fl. April and May. H. ♄.

caprea. 57. S. foliis ovatis acuminatis serratis undulatis: subtus tomentosis, stipulis sublunatis, capsulis ventricosis. *Willden. sp. pl.* 4. *p.* 703. *Engl. bot.* 1488. *Svensk bot.* 98.
Great Round-leaved Sallow.
Nat. of Britain.
Fl. April and May. H. ♄.

acuminata. 58. S. foliis lanceolato-oblongis acuminatis undulatis denticulatis: subtus tomentosis, stipulis reniformibus, capsulis ovato-subulatis. *Willden. sp. pl.* 4. *p.* 704. *Engl. bot.* 1434.
Long-leaved Sallow.
Nat. of Britain.
Fl. April. H. ♄.

conifera. 59. S. foliis oblongo-lanceolatis remote serratis: supra glabris; subtus planis tomentosis, stipulis lunatis subdentatis, germinibus lanceolatis villosis, stylo elongato. *Willden. sp. pl.* 4. *p.* 705.
Salix conifera. *Wangenh. amer.* 123. *t.* 31. *f.* 72.
Cone-bearing Willow.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. May. H. ♄.

viminalis. 60. S. foliis subintegerrimis lineari-lanceolatis longissimis: subtus albo-sericeis, pilis squamarum amenti feminei germine longioribus. *Willden. sp. pl.* 4. *p.* 706. *Engl. bot.* 1898. *Svensk bot.* 211.
Common Osier.
Nat. of Britain.
Fl. April and May. H. ♄.

61. S. fo-

61\. S. foliis lanceolatis acuminatis subcrenatis: subtus sericeo-incanis, stipulis lunatis minimis. *Smith fl. brit.* 3. *p.* 1070. *Engl. bot.* 1509. *mollissima.*
Silky-leaved Willow.
Nat. of England.
Fl. April and May. H. ♄.

62\. S. foliis lanceolatis acuminatis obsolete crenatis: subtus tomentosis, stipulis semicordatis maximis, nectario cylindraceo. *Willden. sp. pl.* 4. *p.* 708. *Engl. bot.* 1214. *stipularis.*
Auricled Osier.
Nat. of England.
Fl. March and April. H. ♄.

63\. S. foliis lanceolatis acuminatis serratis utrinque sericeis: serraturis infimis glandulosis, stigmatibus bipartitis. *Willden. sp. pl.* 4. *p.* 710. *Engl. bot.* 2430. *alba.*
Common White Willow.
Nat. of Britain.
Fl. April and May. H. ♄.

64\. S. foliis lanceolatis acuminatis serratis: subtus demum glabriusculis; serraturis infimis glandulosis, stigmatibus bipartitis. *Engl. bot.* 2431. *cærulea.*
Blue Willow.
Nat. of England.
Fl. April and May. H. ♄.

BORYA.

MASC. *Cal.* 4-phyllus. *Cor.* 0. *Stam.* 2, 3.
FEM. *Cal.* 4-phyll. inæqual. *Cor.* 0. *Stigm.* capitatum. *Bacca* 1-sperma.

1\. B. foliis oblongo-lanceolatis obtusis sessilibus coriaceis margine revolutis subtus punctatis. *Willden. sp. pl.* 4. *p.* 711. *porulosa.*
Florida Borya.
Nat. of Florida.
Introd. 1806, by Mr. John Lyon.
Fl. H. ♄.

2\. B. fo-

ligustrina. 2. B. foliis ovato-lanceolatis acutis subsessilibus submembranaceis. *Willden. sp. pl.* 4. *p.* 711.
Privet-leaved Borya.
Nat. of North America.
Introd. 1812, by Mr. John Lyon.
Fl. H. ♄.

acuminata. 3. B. foliis ovato-lanceolatis utrinque attenuatis petiolatis membranaceis serrulatis. *Willden. sp. pl.* 4. *p.* 711.
Adelia acuminata. *Michaux amer.* 2. *p.* 225. *t.* 28.
Pointed Boya.
Nat. of North America.
Introd. 1812, by Mr. John Lyon.
Fl. H. ♄.

TRIANDRIA.

EMPETRUM. *Gen. pl.* 1496.

MASC. *Cal.* 3-partitus. *Cor.* 3-petala. *Stam.* longa.
FEM. *Cal.* et *Cor.* maris. *Styl.* 9. *Bacca* 9-sperma.

album. 1. E. erectum, ramulis pubescentibus, foliis linearibus margine revolutis supra scabriusculis. *Willden. sp. pl.* 4. *p.* 712.
Erica coris folio X. *Clus. hist.* 1. *p.* 45.
White-berried Heath, or Portugal Crake-berry.
Nat. of Portugal.
Cult. 1774, by Messrs. Kennedy and Lee.
Fl. April—June. G. H. ♄.

nigrum. 2. E. procumbens, ramulis glabris, foliis oblongis margine revolutis glabris. *Willden. sp. pl.* 4. *p.* 713. *Engl. bot.* 526. *Fl. dan.* 976.
Black Crow- or Crake-berry.
Nat. of Britain.
Fl. April and May. H. ♄.

STILAGO. *Gen. pl.* 1381.

Masc. *Cal.* tubulosus, 3- s. 4-dentatus. *Cor.* 0. *Stam.* 2. s. 3.
Fem. *Cal.* tubulosus, 5-dentatus. *Cor.* 0. *Nect.* annulus ad basin germinis. *Stigm.* 2: unicum 2-fidum. *Drupa* 1-sperma.

1. S. floribus triandris. *Willden. sp. pl.* 4. *p.* 714. *Bunius.*
Noeli-tali. *Rheed. mal.* 4. *p.* 115. *t.* 56.
Chinese Laurel.
Nat. of the East Indies.
Introd. about 1757, by Hugh Duke of Northumberland.
Fl. August. S. ♄.

2. S. floribus diandris. *Willden. sp. pl.* 4. *p.* 714. *diandra.*
Stilago diandra. *Roxb. corom.* 2. *p.* 35. *t.* 166.
Diandrous Stilago.
Nat. of the East Indies.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

OSYRIS. *Gen. pl.* 1497.

Masc. *Cal.* 3-fidus. *Cor.* 0.
Fem. *Cal.* 3-fidus. *Cor.* 0. *Stylus* 1. *Stigm.* subrotundum. *Bacca* 1-locularis.

1. Osyris. *Willden. sp. pl.* 4. *p.* 715. *Schkuhr handb.* 3. *p.* 461. *t.* 319. *alba.*
Poet's Casia.
Nat. of France, Spain, and Italy.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Casia 1.
Fl. G. H. ♄.

WILLDENOVIA.

Thunb. in act. stockholm. 1790. *p.* 28.

Masc. *Cal.* multiglumis. *Cor.* 6-petala. *Nectar.* carnosum, 6-partitum, corollam cingens.

Fem. *Cal. Cor.* et *Nect.* maris. *Germen* superum. *Styl.* 1. *Stigm.* 2. s. 3. *Drupa* 1-sperma.

teres. 1. W. culmo ramisque teretibus lævibus. *Willden. sp. pl.* 4. *p.* 717. *Thunb. in act. stockholm.* 1790. *p.* 28. *t.* 2. *f.* 2.
Round-stalk'd Willdenovia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. June and July. G. H. ♃.

RESTIO. *Gen. pl.* 1495.

Masc. *Spica* imbricata. *Cal.* 6-glumis, æqualis. *Cor.* 0.
Fem. *Cal.* et *Cor.* ut in mare. *Styl.* 2. s. 3. *Sem.* 1?

tectorum. 1. R. culmo simplici aphyllo, spicis racemosis subsecundis subrotundo-triquetris cernuis bracteatis. *Willden. sp. pl.* 4. *p.* 721.
Chondropetalum deustum. *Rottb. gram.* 10. *t.* 3. *f.* 2.
Thatch Rope-grass.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1793.
Fl. May and June. G. H. ♃.

ELEGIA. *Gen. pl.* 1494.

Masc. *Cal.* 6-glumis, inæqualis. *Cor.* 0.
Fem. *Cal.* et *Cor.* ut in mare. *Styli* 3. *Caps.* 3-locularis.

juncea. 1. Elegia. *Willden. sp. pl.* 4. *p.* 729.
Restio thyrsifer. *Rottb. gram.* 8. *t.* 3. *f.* 4.
Rush-like Elegia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. July and August. G. H. ♃.

PHŒ-

PHŒNIX. *Gen. pl.* 1691.

Spatha universalis 1-valvis.

Masc. *Cal.* 3-partitus. *Cor.* 3-petala.
Fem. *Cal.* 3-partitus. *Cor.* 3-petala. *Pist.* 1.
Drupa ovata.

1. Ph. frondibus pinnatis inermibus: foliolis complicatis lineari-lanceolatis strictis. *Willden. sp. pl.* 4. *p.* 730. *dactylifera.*
Palma hortensis. *Kæmpf. amœn.* 686. *t.* 1, 2.
Common Date Palm-tree.
Nat. of the Levant.
Cult. before 1597, by Mr. John Gerard. *Ger. herb.* 1333. *f.* 1.
Fl. S. ♄.

2. Ph. frondibus pinnatis inermibus: foliolis complicatis lineari-lanceolatis laxe patentibus. *Willden. sp. pl.* 4. *p.* 731. *reclinata.*
Phœnix reclinata. *Jacq. fragm.* 27. *t.* 24.
Reclining Date Palm-tree.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1792.
Fl. G. H. ♄.

3. Ph. frondibus pinnatis inermibus: foliolis lineari-subulatis complicatis, floribus hexandris. *Willden. sp. pl.* 4. *p.* 731. *farinifera.*
Phœnix farinifera. *Roxb. corom.* 1. *p.* 55. *t.* 74.
Small Date Plum-tree.
Nat. of the East Indies. *William Roxburgh*, M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

TETRANDRIA.

ANTHOSPERMUM. *Gen. pl.* 1501.

Masc. *Cal.* 4-partitus. *Cor.* 0.
Fem. *Cal.* 4-partitus. *Cor.* 0. *Germ.* inferum.
Styl. 2, reflexi.

æthiopicum. 1. A. foliis subverticillatis linearibus glabris. *Willden. sp. pl.* 4. *p.* 732.
Frutex africanus ambram spirans. *Pluk. alm.* 159. *t.* 183. *f.* 1.
Amber Tree.
Nat. of the Cape of Good Hope.
Cult. 1692, by Bishop Compton. *Pluk. loc. cit.*
Fl. June and July. G. H. ♄.

TROPHIS. *Gen. pl.* 1502.

Masc. *Cal.* 0. *Cor.* 4-petala.
Fem. *Cal.* 0. *Cor.* 0. *Styl.* 2-partitus. *Bacca* 1-sperma.

americana. 1. T. inermis, foliis oblongis acuminatis integerrimis glabris, fructu monospermo cornuto: cornubus reflexis fructu brevioribus. *Willden. sp. pl.* 4. *p.* 733.
Trophis foliis oblongo-ovatis glabris alternis, floribus masculinis spicatis ad alas. *Brown. jam.* 357. *t.* 37. *f.* 1.
American Ramoon Tree.
Nat. of the West Indies.
Introd. 1789, by Hinton East, Esq.
Fl. April and May. S. ♄.

aspera. 2. T. inermis, foliis obovato-oblongis acuminatis inæqualiter serratis utrinque scaberrimis. *Willden. sp. pl.* 4. *p.* 733.
Rough-leaved Trophis.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

MONTINIA. *Gen. pl.* 1506.

Masc. *Cal.* 4-dentatus. *Cor.* 4-petala.
Fem. *Cal.* 4-dentatus, superus. *Cor.* 4-petala. *Styl.* 2-fidus. *Stigm.* reniformia. *Caps.* 2-locul. polysperma.

1. Montinia. *Smith spicil.* 14. *t.* 15. *caryophyllacea.*
Montinia acris. *Willden. sp. pl.* 4. *p.* 736.
Sea Purslane-leaved Montinia.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. July. G. H. ♄.

VISCUM. *Gen. pl.* 1504.

Masc. *Cal.* 4-partitus. *Cor.* 0. *Filam.* 0. *Antheræ* calyci adnatæ.
Fem. *Cal.* 4-phyllus, superus. *Styl.* 0. *Cor.* 0. *Bacca* 1-sperma. *Sem.* cordatum.

1. V. foliis lanceolatis obtusis enerviis, caule dichotomo, floribus quinis terminalibus glomeratis sessilibus. *Willden. sp. pl.* 4. *p.* 737. *Engl. bot.* 1470. *album.*
Common Misseltoe.
Nat. of England.
Fl. May. H. ♄.

SCHÆFFERIA. *Gen. pl.* 1507.

Masc. *Cal.* 4-phyllus. *Cor.* 4-petala aut nulla.
Fem. *Cal.* 4- s. 5-partitus. *Cor.* 4-petala aut nulla. *Bacca* 2-locularis. *Sem.* solitaria.

1. S. floribus tetrapetalis axillaribus. *Willden. sp. pl.* 4. *p.* 741. *completa.*
Buxi folio majore acuminato, arbor baccifera, fructu minore croceo dipyreno. *Sloan. jam.* 2. *p.* 102. *t.* 209. *f.* 1.
White-flower'd Schæfferia.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

BRUCEA. *Gen. pl.* 1508.

Masc. *Cal.* 4-partitus. *Cor.* 4-petala. *Nect.* 4-lobum.
Fem. *Cal. Cor.* et *Nect.* maris. *Pericarp.* 4, 1-sperma.

ferruginea. 1. Brucea. *Willden. sp. pl.* 4. *p.* 742.
Brucea antidysenterica. *J. F. Mill. ic.* 25.
Wooginoos. *Bruce's travels.* 5. *p.* 69. *cum tab.*
African Brucea.
Nat. of Africa.
Introd. 1775.
Fl. April and May. S. ♄.

BROUSSONETIA. *Venten. tabl.* 3. *p.* 547.

Masc. *Amentum* cylindraceum. *Cal.* 4-partitus. *Cor.* 0.
Fem. *Amentum* globosum, e receptaculis cylindraceo-clavatis compositum. *Cal.* 3- s. 4-dentatus, in apice receptaculi. *Styl.* lateralis, subulatus. *Sem.* 1, calyce tectum.

papyrifera. 1. Broussonetia. *Willden. sp. pl.* 4. *p.* 743. *Andrews's reposit.* 488.
Paper Mulberry Tree.
Nat. of Japan and the South Sea Islands.
Cult. before 1751, by Peter Collinson, Esq. *Collins. mss.*
Fl. February—September. H. ♄.

HIPPOPHAE. *Gen. pl.* 1509.

Masc. *Cal.* 2-partitus. *Cor.* 0.
Fem. *Cal.* 2-fidus. *Cor.* 0. *Styl.* 1. *Bacca* 1-sperma.

Rhamnoides. 1. H. foliis lineari-lanceolatis: supra glabris; subtus albidis lepidotis. *Willden. sp. pl.* 4. *p.* 743. *Engl. bot.* 425.
Sallow Thorn. Sea Buckthorn.
Nat. of England.
Fl. April and May. H. ♄.

canadensis 2. H. foliis oblongis: supra stellato-pilosis; subtus rufo-albidis piloso-lepidotis. *Willden. sp. pl.* 4. *p.* 744.
Canadian Sea Buckthorn.

Nat. of North America.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. April and May. H. ♄.

AULAX.

Brown in linn. soc. transact. 10. *p.* 49.

MASC. *Fl.* racemosi. *Cal.* 0. *Pet.* 4, staminifera.
FEM. *Stigma* obliquum. *Nux* exserta, ventricosa, barbata.

1. A. foliis filiformibus canaliculatis. *Brown in linn. soc. transact.* 10. *p.* 49. *pinifolia.*
MASC. Protea pinifolia. *Willden. sp. pl.* 1. *p.* 515. *Andrews's reposit.* 76.
FEM. Protea bracteata. *Willden. sp. pl.* 1. *p.* 517. *Thunb. protea, n.* 24. *tab.* 1.
Pine-leaved Aulax.
Nat. of the Cape of Good Hope.
Introd. 1780, by William Forsyth, Esq.
Fl. July—September. G. H. ♄.

2. A. foliis spathulato-linearibus planis. *Brown in linn. soc. transact.* 10. *p.* 50. *umbellata.*
MASC. Protea aulacea. *Willden. sp. pl.* 1. *p.* 520. *Thunb. protea, n.* 33. *tab.* 2.
FEM. Protea umbellata. *Willden. sp. pl.* 1. *p.* 520. *Andrews's reposit.* 248.
Umbel'd Aulax.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. July and August. G. H. ♄.

LEUCADENDRON.

Brown in linn. soc. transact. 10. *p.* 50.

MASC. *Fl.* capitati. *Cal.* 0. *Pet.* 4, staminifera.
FEM. *Stigma* obliquum. *Nux,* vel *Samara* 1-sperma, squamis strobili inclusa.

argenteum. 1. L. arboreum, foliis lanceolatis argenteis: marginibus ramisque villosis, bracteis involucrantibus abbreviatis tomentosis, corollis masculis sericeis. *Brown in linn. soc. transact.* 10. *p.* 52.
Protea argentea. *Willden. sp. pl.* 1. *p.* 529.
Scolymocephalus africanus folio crasso nervoso sericeo. *Weinm. phytanth.* 4. *p.* 293. *t.* 900.
Silver Tree.
Nat. of the Cape of Good Hope.
Cult. 1693. *Philosoph. transact. vol.* 17. *p.* 664.
Fl. August. G. H. ♄.

plumosum. 2. L. fruticosum, foliis lineari-lanceolatis muticis glabris subsericeisve: basi attenuata torta, involucris corollisque masculis glabris; femineis persistentibus plumosis quadrifidis, nucibus cuneato-oblongis villosis. *Brown in linn. soc. transact.* 10. *p.* 53.
MASC. Protea parviflora. *Willd. sp. pl.* 1. *p.* 524. *Thunb. protea, n.* 40. *tab.* 4.
FEM. Protea obliqua. *Willden. sp. pl.* 1. *p.* 524.
Protea plumosa. *Edit. prior.* 1. *p.* 127.
Feather-flower'd Leucadendron.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. June—August. G. H. ♄.

imbricatum. 3. L. foliis lanceolato-linearibus glabris imbricatis basi obtusis, squamis strobili dilatato-cuneatis retusis sericeis, nucibus undique comosis basi styli cuspidatis. *Brown in linn. soc. transact.* 10. *p.* 55
Imbricated Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. G. H. ♄.

Lèvisanus. 4. L. foliis obovato-spathulatis obtusissimis: adultis glabris, ramulis pilosis, capitulis masculis sessilibus, nucibus undique comosis muticis. *Brown in linn. soc. transact.* 10. *p.* 55.

Protea Levisanus. *Willden. sp. pl.* 1. *p.* 526.
Wendl. hort. herrenhus. 1. *p.* 1. *t.* 1. Mas.
Short-leaved Leucadendron.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. April—June. G. H. ♄.

5. L. foliis spathulato-linearibus obtusis basi tortis: adultis glabris; junioribus ramulisque subsericeis, capitulis masculis pedunculatis, corollis sericeis, nucibus undique comosis muticis. *Brown in linn. soc. transact.* 10. *p.* 56. ***tortum.***
Twisted-leaved Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. about 1790.
Fl. G. H. ♄.

6. L. foliis spathulato-linearibus argenteis, capitulis masculis sessilibus, nucibus obovato-cuneatis villosiusculis muticis. *Brown in linn. soc. transact.* 10. *p.* 57. ***cinereum.***
Protea alba. *Willden. sp. pl.* 1. *p.* 520.
Protea cinerea. *Edit. prior.* 1. *p.* 127.
Gray Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. July and August. G. H. ♄.

7. L. foliis lineari-subulatis imbricatis glabris, strobili squamis acutis apice recurvis, nucibus subcompressis obcordatis margine pilosis. *Brown in linn. soc. transact.* 10. *p.* 57. ***corymbosum.***
Protea corymbosa. *Willden. sp. pl.* 1. *p.* 518.
Thunb. protea, n. 28. *tab.* 2. Mas. *Andrews's reposit.* 495. Fem.
Corymbed Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. April—July. G. H. ♄.

8. L. foliis oblongis venosis callo recurvo; adultis glabris; junioribus ramisque sericeis; floralibus coloratis ***decorum.***

coloratis semiscariosis, strobili squamis extus tomentosis: apice retuso parum coarctato glabro, nucibus marginatis impresso-punctatis. *Brown in linn. soc. transact.* 10. *p.* 58.
Decorous Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. G. H. ♄.

concolor. 9. L. foliis spathulato-oblongis callo antice subrotundo: adultis glabris; floralibus masculis concoloribus, ramis pubescentibus, amenti feminei squamis retusis basi tomentosis; margine ciliatis. *Brown in linn. soc. transact.* 10. *p.* 58.
MAS. Protea globosa. *Andrews's reposit.* 307. *Botan. magaz.* 878.
FEM. Protea strobilina. *Schrad. sert. hannov.* 1. *p.* 7. *t.* 1.
One-colour'd Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. March—June. G. H. ♄.

grandiflorum. 10. L. foliis lanceolato-oblongis callo antice subrotundo: adultis glabris; floralibus coloratis, ramis tenuissime tomentosis, squamis amenti utriusque sexus ovatis obtusiusculis glabris fucatis. *Brown in linn. soc. transact.* 10. *p.* 59.
Euryspermum grandiflorum. *Salisb. paradis.* 105.
Great-flower'd Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. about 1789.
Fl. April—June. G. H. ♄.

strictum. 11. L. foliis linearibus mucrone subulato glabris, bracteis involucrantibus ovatis acutis capitulo florido longioribus, strobili squamis dilatatis rotundatis glabris, samaris apteris impresso-punctatis. *Brown in linn. soc. transact.* 10. *p.* 60.
MAS. Euryspermum salicifolium. *Salisb. paradis.* 75.
Protea conifera. *Andrews's reposit.* 541.

Upright Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. about 1795.
Fl. most part of the Spring. G. H. ♄.

12. L. foliis lineari-lanceolatis acutis; floralibus lanceolatis apice coarctatis coloratis concavis, strobili squamis ovatis integris incano-tomentosis, samaris alatis emarginatis, ramis adscendentibus, caulibus subdepressis. *Brown in linn. soc. transact.* 10. *p.* 61. *adscendens.*
Mas. Protea pallens. *Linn. mant.* 173.
Thymelæa capitata seu julifera angusto salicis folio. *Pluk. mant.* 181. *t.* 229. *f.* 6.
Fem. Protea conifera. *Linn. mant.* 193.
Pale Leucadendron.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. June—August. G. H. ♄.

13. L. foliis lanceolato-linearibus acutissime mucronatis subsericeis; floralibus lanceolatis coloratis, strobili squamis tomentosis sursum dilatatis retuso-bilobis margine glabris, samaris apice latiusculo margine angustissime alatis. *Brown in linn. soc. transact.* 10. *p.* 62. *salignum.*
Protea saligna. *Linn. mant.* 194. exclusis synonymis Bergii et Breynii.
Conocarpodendron folio tenui, angusto, saligno; cono calyculato, corona foliacea succincto. *Boerh. lugdb.* 2. *p.* 204. *cum tab.*
Willow-leaved Leucadendron.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. April—July. G. H. ♄.

14. L. foliis lanceolato-linearibus utrinque argenteis tomento arcte adpresso: callo apicis acuto, ramis tomentosis, corollæ femineæ tubo hirsuto, squamis strobili sericeis dilatatis subundulatis obsolete *uliginosum.*

obsolete retusis, samaris apteris. *Brown in linn. soc. transact.* 10. *p.* 63.
Protea saligna. *Thunb. protea, n.* 47.
Frutex æthiopicus conifer foliis cneori salici æmulus. *Breyn. cent.* 21. *t.* 9. præter strobilum ad basin tabulæ.
Swamp Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. about 1795.
Fl. most part of the Summer. G. H. ♄.

floridum. 15. L. foliis lanceolato-linearibus sericeis supra villosis: callo apicis acuto; floralibus subtus ramisque hirsutis, corollis masculis longitudinaliter pilosis, strobili squamis tomentosis apice dilatatis integris, samaris apteris. *Brown in linn. soc. transact.* 10. *p.* 63.
Protea saligna. *Andrews's reposit.* 572. Mas et Fem.
Florid Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. most part of the Summer. G. H. ♄.

æmulum. 16. L. foliis superioribus lanceolato-spathulatis acutis rugoso-striatis, strobilis ovatis: squamis basi cohærentibus supra distinctis marginibus recurvis imberbibus, samaris subrotundis nigris. *Brown in linn. soc. transact.* 10. *p.* 64.
Protea incurva. *Andrews's reposit.* 429. Mas.
Incurved Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. June—September. G. H. ♄.

abietinum. 17. L. foliis omnibus filiformibus canaliculatis obtusiusculis lævibus patulis arcuato-incurvis, strobili squamis marginibus axibusque infra connatis; supra distinctis bilobis. *Brown in linn. soc. transact.* 10. *p.* 64.

Protea teretifolia. *Andrews's reposit.* 461. Fem. *fig.* 4. ramulus maris.
Pine-leaved Leucadendron.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1789.
Fl. July—September. G. H. ♄.

MYRICA. *Gen. pl.* 1510.

MASC. *Amentum* oblongum. *Cal.* squama ovata. *Cor.* 0.
FEM. *Amentum* oblongum. *Cal.* squama ovata. *Cor.* 0. *Styl.* 2. *Drupa* 1-sperma.

1. M. foliis lanceolatis apice subserratis; basi cuneatis, amenti squamis acuminatis. *Willden. sp. pl.* 4. *p* 745. *Engl. bot.* 562. *Svensk bot.* 76. *Gale.*
Sweet Gale. Dutch Myrtle.
Nat. of Britain.
Fl. May. H. ♄.

2. M. foliis oblongis basi attenuatis; apice subserratis, amenti squamis acutis, baccis globosis. *Willden. sp. pl.* 4. *p.* 745. *cerifera.*
Myrtus brabanticæ similis caroliniensis baccata, fructu racemoso sessili monopyreno. *Catesb. carol.* 1. *t.* 69.
Common American Candleberry Myrtle.
Nat. of North America.
Cult. 1699, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 525 *and* 3349.
Fl. May and June. H. ♄.

3. M. foliis oblongis basi attenuatis grosse serratis, amenti squamis acutis, baccis globosis. *Willden. sp. pl.* 4. *p.* 746. *carolinensis.*
Myrtus brabanticæ similis caroliniensis humilior, foliis latioribus et magis serratis. *Catesb. carol.* 1. *t.* 13.
Broad-leaved American Candleberry Myrtle.
Nat. of North America.
Cult. before 1730. *Hort. angl.* 34. *n.* 3.
Fl. May. H. ♄.

Faya. 4. M. foliis elliptico-lanceolatis subserratis, amentis masculis compositis, drupa nucleo quadriloculari. *Willden. sp. pl.* 4. *p.* 747.
Azorian Candleberry Myrtle.
Nat. of Madeira and the Azores. Mr. *Fr. Masson.*
Introd. 1777.
Fl. June and July. H. ♄.

æthiopica. 5. M. foliis ellipticis dentatis; infimis integerrimis. *Willden. sp. pl.* 4. *p.* 747.
Myrtus brabanticæ accedens, africana conifera. *Pluk. alm.* 260. *t.* 48. *f.* 8.
African Candleberry Myrtle.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. June and July. G. H. ♄.

serrata. 6. M. foliis lanceolatis inæqualiter acuminato-serratis, amentis elongatis laxis. *Willden. sp. pl.* 4. *p.* 747.
Myrica foliis oblongis opposite sinuatis. *Burm. afr.* 262. *t.* 98. *f.* 1.
Saw-leaved Candleberry Myrtle.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1793.
Fl. August. G. H. ♄.

quercifolia. 7. M. foliis oblongis opposite sinuatis. *Willden. sp. pl.* 4. *p.* 748. *Jacqu. fragm.* 2. *t.* 1. *f.* 4.
α. Myrica *quercifolia*, foliis oblongis opposite sinuatis glabris. *Mill. dict.*
Smooth Oak-leaved Candleberry Myrtle.
β. Myrica *hirsuta*, foliis oblongis opposite sinuatis hirsutis. *Mill. dict.*
Hairy Oak-leaved Candleberry Myrtle.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Philip Miller. *Mill. dict. ed.* 6. *n.* 5.
Fl. June and July. G. H. ♄.

cordifolia. 8. M. foliis subcordatis serratis sessilibus. *Willden. sp. pl.* 4. *p.* 748.

Tithymali facie planta æthiopica, ilicis aculeato folio. *Pluk. alm.* 373. *t.* 319. *f.* 7.
Heart-leaved Candleberry Myrtle.
Nat. of the Cape of Good Hope.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. May—July. G. H. ♄.

PENTANDRIA.

PISTACIA. *Gen. pl.* 1511.

MASC. *Cal.* 5-fidus. *Cor.* 0.
FEM. *Cal.* 3-fidus. *Cor.* 0. *Styli* 3. *Drupa* 1-sperma.

1. P. foliis simplicibus ternatis pinnatisque bijugis cum impari: foliolis ovalibus. *officinarum.*
MAS. Pistacia trifolia. *Willden. sp. pl.* 4. *p.* 750.
Pistacium mas siculum, folio nigricante. *Boccon. mus.* 139. *t.* 93.
FEM. Pistacia vera. *Regn. bot.*
Pistachi baum. *Rauw. it.* 72. *tab.* 9.
Pistachia Tree.
Nat. of the Levant.
Cult. 1570, by Mr. Gray. *Lobel. adv.* 413.
Fl. April and May. H. ♄.

2. P. foliis pinnatis ternatisque: foliolis subrotundis basi angustatis reticulato-venosis retusis mucronatis. *Willden. sp. pl.* 4. *p.* 751. *reticulata.*
Terebinthus indica major fructu rotundo. *Bauh. hist.* 1. *par.* 1. *p.* 278.
Net-leaved Pistachia Tree.
Nat. of the Levant.
Cult. before 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. Terebinthus 3.
Fl. April. H. ♄.

3. P. foliis impari-pinnatis: foliolis subseptenis ovato-lanceolatis basi rotundatis acutis mucronatis. *Willden. sp. pl.* 4. *p.* 752. *Terebinthus.*

Terebinthus. *Clus. hist.* 1. *p.* 15.
Common Turpentine Tree.
Nat. of Barbary and the South of Europe.
Cult. 1656, by Mr. John Tradescant, Jun. *Mus. Tradesc.* 171.
Fl. June and July. H. ♄.

Lentiscus. 4. P. foliis abrupte-pinnatis: foliolis lanceolatis octonis, petiolo alato. *Willden. sp. pl.* 4. *p.* 753. *Regn. bot.*
α. Lentiscus vulgaris. *Bauh. pin.* 399.
Common Mastick Tree.
β. Pistacia *massiliensis,* foliis abrupte pinnatis, foliolis lineari-lanceolatis. *Mill. dict.*
Narrow-leaved Mastick Tree.
Nat. of the South of Europe and the Levant.
Cult. 1664. *Evelyn's kalend. hort.* 63.
Fl. May. G. H. ♄.

ZANTHOXYLUM. *Gen. pl.* 1512.

Masc. *Cal.* 5-partitus. *Cor.* 0.
Fem. *Cal.* 5-partitus. *Cor.* 0. *Pist.* 5. *Caps.* 5, 1-spermæ.

emarginatum. 1. Z. inerme, foliis pinnatis: foliolis emarginatis venosis, floribus triandris. *Willden. sp. pl.* 4. *p.* 753.
Lauro affinis terebinthi folio alato, ligno odorato candido, flore albo. *Sloan. jam.* 2. *p.* 24. *t.* 168. *f.* 4.
Notch-leaved Toothach Tree.
Nat. of Jamaica.
Cult. before 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. addenda, Lauro affinis 2.
Fl. S. ♄.

Clava Herculis. 2. Z. aculeatum, foliis pinnatis: foliolis ovatis acuminatis repandis basi æqualibus, petiolo communi aculeato, floribus terminalibus paniculatis. *Willden. sp. pl.* 4. *p.* 754.
Zanthoxylum spinosum lentisci longioribus foliis evonymi fructu capsulari. *Catesb. car.* 1. *t.* 26.

Lentiscus-leaved Toothach Tree.
Nat. of the West Indies and Carolina.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Zanthoxylum.
Fl. April and May. G. H. ♄.

3. Z. aculeatum, foliis pinnatis: foliolis ovatis obsolete serrulatis basi æqualibus, petiolo communi inermi, umbellis axillaribus. *Willden. sp. pl.* 4. *p.* 757. *Schkuhr handb.* 3. *p.* 467. *tab.* 323 *b.* *fraxineum.*
Common Toothach Tree.
Nat. of North America.
Cult. before 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. March and April. H. ♄.

4. Z. foliis glaberrimis pinnatis: foliolis petiolatis oblongo-ovalibus sursum angustatis falcato-obliquis, capsulis ternis sessilibus. *Michaux amer.* 2. *p.* 235. *tricarpum.*
Three-capsuled Toothach Tree.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. H. ♄.

SECURINEGA. *Juss. gen.* 426.

Masc. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 5 sub rudimento pistilli inserta.
Fem. *Caps.* 3-cocca.

1. Securinega. *Persoon syn.* 2. *p.* 617. *nitida.*
Otaheite Myrtle.
Nat. of Otaheite. Mr. Christopher Smith.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. Spring and Summer. S. ♄.

PICRAMNIA. *Gen. pl.* 1517.

Masc. *Cal.* 3- s. 5-partitus. *Cor.* 3- s. 5-petala. *Stam.* 3 s. 5.
Fem. *Cal.* et *Cor.* maris. *Styli* 2. *Bacca* 2-locul. 2-sperma.

Antidesma. 1. P. racemis filiformibus pendulis, floribus triandris, stylis duobus recurvis. *Willden. sp. pl.* 4. *p.* 761.
Berberis fruticosa racemosa fraxini folio alato, fructu nigro dipyreno. *Sloan. jam.* 2. *p.* 101. *t.* 208. *f.* 2.
Ash-leaved Picramnia.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

ANTIDESMA. *Gen. pl.* 1518.

Masc. *Cal.* 5-phyllus. *Cor.* 0. *Antheræ* 2-fidæ.
Fem. *Cal.* 5-phyllus. *Cor.* 0. *Stigm.* 5. *Bacca* cylindrica, 1-sperma.

alexiteria. 1. A. foliis oblongis basi attenuatis apice acuminatis glabris utrinque nitidis, racemis axillaribus geminis solitariisve. *Willden. sp. pl.* 4. *p.* 762.
Tsjeriam-cottam. *Rheed. mal.* 5. *p.* 21. *t.* 11.
Laurel-leaved Antidesma.
Nat. of the East Indies.
Introd. about 1793.
Fl. May and June. S. ♄.

paniculata. 2. A. foliis subrotundo-ellipticis utrinque rotundatis obtusis apice emarginatis; subtus pubescentibus, racemis terminalibus paniculatis. *Willden. sp. pl.* 4. *p.* 764.
Panicled Antidesma.
Nat. of the East Indies. William Roxburgh, M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

IRESINE. *Gen. pl.* 1519.

Masc. *Cal.* 2-phyllus. *Cor.* 5-petala. *Nect.* 5 s. 7.
Fem. *Cal.* 2-phyllus. *Cor.* 5-petala. *Stigm.* 2, sessilia. *Caps.* seminibus tomentosis.

1. I. fo-

1. I. foliis punctato-scabris: inferioribus oblongis acuminatis; superioribus ovato-lanceolatis, panicula ramosa conferta, caule sulcato. *Willden. sp. pl.* 4. *p.* 764. *celosioides.*
Florida Iresine.
Nat. of North America and Jamaica.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 7. Celosia 3.
Fl. July and August. F. ♃.

SPINACIA. *Gen. pl.* 1520.

Masc. *Cal.* 5-partitus. *Cor.* 0.
Fem. *Cal.* 4-fidus. *Cor.* 0. *Styli* 4. *Sem.* 1, intra calycem induratum.

1. S. fructibus sessilibus. *Willden. sp. pl.* 4. *p.* 766. *Schkuhr handb.* 3. *p.* 469. *t.* 324. *oleracea.*
α. Lapathum hortense s. Spinacia semine spinoso. *Bauh. pin.* 114.
Prickly Spinage.
β. Lapathum hortense s. Spinacia semine non spinoso. *Bauh. pin.* 115.
Round Spinage.
Nat.
Cult. 1568. *Turn. herb. part* 3. *p.* 71.
Fl. most part of the Summer. H. ⊙.

ACNIDA. *Gen. pl.* 1521.

Masc. *Cal.* 5-partitus. *Cor.* 0.
Fem. *Cal.* 3-partitus. *Cor.* 0. *Styli* 0. *Stigm.* 3, sessilia. *Caps.* 1-sperma.

1. A. foliis lanceolatis, capsulis læviusculis acutangulis. *Willden. sp. pl.* 4. *p.* 767. *cannabina.*
Virginian Hemp.
Nat. of North America.
Cult. 1640. *Park. theatr.* 598.
Fl. June and July. H. ⊙.

CANNABIS. *Gen. pl.* 1522.

Masc. *Cal.* 5-partitus. *Cor.* 0.
Fem. *Cal.* 1-phyllus, integer, latere hians. *Cor.* 0. *Styli* 2. *Nux* 2-valvis, intra calycem clausum.

sativa. 1. Cannabis. *Willden. sp. pl.* 4. *p.* 763. *Schkuhr handb.* 3. *p.* 470. *t.* 325.
Common Hemp.
Nat. of India.
Fl. June and July. H. ⊙.

HUMULUS. *Gen. pl.* 1523.

Masc. *Cal.* 5-phyllus. *Cor.* 0.
Fem. *Cal.* 1-phyllus, oblique patens, integer. *Cor.* 0. *Styli* 2. *Sem.* 1. intra calycem foliatum.

Lupulus. 1. Humulus. *Willden. sp. pl.* 4. *p.* 769. *Engl. bot.* 427.
Hop.
Nat. of Britain.
Fl. June—August. H. ♃.

HEXANDRIA.

TAMUS. *Gen. pl.* 1527.

Masc. *Cal.* 6-partitus. *Cor.* 0.
Fem. *Cal.* 6-partitus. *Cor.* 0. *Stylus* 3-fidus. *Bacca* 3-locularis, infera. *Sem.* 2.

communis. 1. T. foliis cordatis indivisis. *Willden. sp. pl.* 4. *p.* 772. *Engl. bot.* 91.
Black Bryony.
Nat. of England.
Fl. May—August. H. ♃.

Elephantipes. 2. T. foliis reniformibus integris. *Willden. sp. pl.* 4. *p.* 772. *Botan. magaz.* 1347.
Tuberous Tamus, or Cape Black Bryony.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson. Introd.*

Introd. 1774.
Fl. July and August. G. H. ♃.

3. T. foliis trilobis. *Willden. sp. pl.* 4. *p.* 772. *cretica.*
Cretan Black Bryony.
Nat. of the Island of Candia.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 1.
Fl. July and August. H. ♃.

SMILAX. *Gen. pl.* 1528.

Masc. *Cal.* 6-phyllus. *Cor.* 0.
Fem. *Cal.* 6-phyllus. *Cor.* 0. *Styli* 3. *Bacca* 3-locularis. *Sem.* 2.

* *Caule aculeato, angulato.*

1. S. caule aculeato angulato, foliis hastato-cordatis lanceolatis septem- s. novemnerviis aculeato-dentatis coriaceis. *Willden. sp. pl.* 4. *p.* 773. *Schkuhr handb.* 3. *p.* 474. *t.* 328. *aspera.*
α. foliis basi rotundatis. simplicifolia.
Common Smilax, or Rough Bindweed.
β. Smilax viticulis aspera, foliis longis angustis mucronatis lævibus, auriculis ad basim rotundioribus. *Pluk. alm.* 348. *t.* 110. *f.* 3. auriculata.
Ear-leaved Smilax, or Rough Bindweed.
Nat. of Spain and Italy.
Cult. 1648, in Oxford garden. *Hort. oxon. ed.* 1. *p.* 49. *n.* 13.
Fl. September. H. ♄.

2. S. caule aculeato angulato, foliis inermibus ovatis levissime cordatis subseptemnerviis. *Willden. sp. pl.* 4. *p.* 774. *excelsa.*
Smilax orientalis, sarmentis aculeatis excelsas arbores scandentibus, foliis non spinosis. *Buxb. cent.* 1. *p.* 18. *t.* 27.
Tall Smilax.
Nat. of Syria.
Cult. 1739, by Mr. Philip Miller. *Mill. dict. vol.* 2. *n.* 1.
Fl. August and September. G. H. ♄.

zeylanica. 3. S. caule aculeato subtetragono, foliis inermibus tri- quinquenerviisve ovato-oblongis cordatis. *Willden. sp. pl.* 4. *p.* 775.
China amboinensis. *Rumph. amb.* 5. *p.* 437. *t.* 161.
Ceylon Smilax.
Nat. of the East Indies.
Introd. 1778, by Patrick Russell, M.D.
Fl. S. ♄.

Sarsaparilla. 4. S. caule aculeato subtetragono, foliis inermibus ovato-lanceolatis cuspidatis subquinquenerviis subtus glaucescentibus. *Willden. sp. pl.* 4. *p.* 776.
Medicinal Smilax, or Sarsaparilla.
Nat. of America.
Cult. 1664. *Evelyn's kalend. hort.* 83.
Fl. July and August. H. ♄.

** *Caule aculeato tereti.*

China. 5. S. caule aculeato teretiusculo, foliis subrotundo-ovatis utrinque acutis quinquenerviis. *Willden. sp. pl.* 4. *p.* 778.
Smilax minus spinosa, fructu rubicundo, radice virtuosa China dicta s. Sankiva. *Kæmpf. amœn.* 781. *t.* 782.
Chinese Smilax.
Nat. of China and Japan.
Cult. 1759, by Mr. Philip Miller. *Mill. dict. ed.* 7. *n.* 5.
Fl. G. H. ♄.

rotundifolia. 6. S. caule aculeato teretiusculo, foliis subrotundo-ovatis acuminatis levissime cordatis quinquenerviis. *Willden. sp. pl.* 4. *p.* 779.
Round-leaved Smilax.
Nat. of North America.
Cult. before 1760, by Archibald Duke of Argyle.
Fl. July and August. H. ♄.

laurifolia. 7. S. caule aculeato tereti, ramis inermibus, foliis ellipticis vel elliptico-lanceolatis obtusis recurvato-

curvato-acutis trinerviis. *Willden. sp. pl.* 4. *p.* 779.
Smilax lævis, lauri folio baccis nigris. *Catesb. car.* 1. *t.* 15.
Laurel-leaved Smilax.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 2.
Fl. July. H. ♄.

8. S. caule aculeato tereti, foliis ovato-oblongis acutis: subpanduræformibus obsolete cordatis quinquenerviis. *Willden. sp. pl.* 4. *p.* 780. *tamnoides.*
Smilax bryoniæ nigræ foliis, caule spinoso, baccis nigris. *Catesb. car.* 1. *t.* 52.
Black Bryony-leaved Smilax.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 4.
Fl. June and July. H. ♄.

9. S. caule aculeato tereti, foliis ovatis mucronatis quinquenerviis. *Willden. sp. pl.* 4. *p.* 780. *caduca.*
Deciduous Smilax.
Nat. of Canada.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. June and July. H. ♄.

*** *Caule inermi.*

10. S. caule inermi angulato, foliis cordato-ovatis acutis ciliato-aculeatis septemnerviis. *Willden. sp. pl.* 4. *p.* 781. *Bona nox.*
Smilax foliis latis in margine spinosis, caroliniana stipite leni quadrato. *Pluk. alm.* 348. *t.* 111. *f.* 1.
Ciliated Smilax.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 6.
Fl. June and July. H. ♄.

11. S. cau-

latifolia. 11. S. caulibus inermibus angulatis, foliis ovatis 5-nervibus glabris basi subcordatis obtusisve, petiolis cirrhiferis. *Brown prodr.* 293.
Broad-leaved Smilax.
Nat. of New Holland.
Introd. 1791, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. G. H. ♄.

herbacea. 12. S. caule inermi angulato, foliis ovatis acuminatis septemnerviis, pedunculo communi umbellæ folio longiore. *Willden. sp. pl.* 4. *p.* 782.
Smilax claviculata, hederæ folia, tota lævis, e terra mariana. *Pluk. alm.* 349. *t.* 225. *f.* 4.
Herbaceous Smilax.
Nat. of North America.
Cult. 1699, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 525 *and* 3349.
Fl. July. H. ♃.

lanceolata. 13. S. caule inermi tereti, foliis inermibus lanceolatis. *Willden. sp. pl.* 4. *p.* 783.
Smilax non spinosa, baccis rubris. *Catesb. car.* 2. *t.* 84.
Spear-leaved Smilax.
Nat. of North America.
Introd. 1785, by Mr. William Young.
Fl. H. ♄.

pubera. 14. S. caule inermi tereti, foliis oblongis acutis cordatis subquinquenerviis subtus molliter pubescentibus, baccis oblongis acutis. *Willden. sp. pl.* 4. *p.* 785.
Downy Smilax.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. H. ♄.

Pseudo-china. 15. S. caule inermi tereti, foliis inermibus: caulinis cordatis; rameis ovato-oblongis quinquenerviis. *Willden. sp. pl.* 4. *p.* 785.
Smilax aspera, fructu nigro, radice nodosa magna

lævi farinacea. *Sloan. jam.* 1. *p.* 231. *t.* 143. *f.* 1.
Bastard Chinese Smilax.
Nat. of Virginia and Jamaica.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 10.
Fl. G. H. ♄.

16. S. caule inermi tereti, foliis subrotundo-ovatis cordatis acuminatis novemnerviis, pedunculo communi umbellæ fructiferæ foliis longiore. *Willden. sp. pl.* 4. *p.* 786. *peduncularis.*
Long-peduncled Smilax.
Nat. of North America.
Introd. 1812, by Mr. Frederick Pursh.
Fl. H. ♃.

RAJANIA. *Gen. pl.* 1529.

MASC. *Cal.* 6-partitus. *Cor.* 0.
FEM. *Cal.* 6-partitus. *Cor.* 0. *Styli* 3. *Samaræ* 1-spermæ, apice alatæ.

1. R. foliis ovato-lanceolatis cordatis septemnerviis. *Willden. sp. pl.* 4. *p.* 788. *cordata.*
Jan-Raja scandens, foliis tamni. *Plum. ic.* 148. *t.* 155. *f.* 1.
Black Bryony-leaved Rajania.
Nat. of the West Indies.
Introd. 1786, by Mr. Alexander Anderson.
Fl. July. S. ♃.

DIOSCOREA. *Gen. pl.* 1530.

MASC. *Cal.* 6-partitus. *Cor.* 0.
FEM. *Cal.* 6-partitus. *Cor.* 0. *Styli* 3. *Caps.* 3-locularis, compressa. *Sem.* 2, membranacea.

1. D. foliis alternis digitatis: foliolis quinis oblongis acuminatis venosis, caule aculeato bulbifero. *Willden. sp. pl.* 4. *p.* 789. *pentaphylla.*
Nureni-kelengu. *Rheed. mal.* 7. *p.* 67. *t.* 35.
Five-leaved Dioscorea.

Nat. of the East Indies.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 6.
Fl. S. ♃.

aculeata. 2. D. foliis alternis subrotundo-cordatis acuminatis septemnerviis, caule aculeato bulbifero. *Willden sp. pl.* 4. *p.* 792.
Kattu-kelengu. *Rheed. mal.* 7. *p.* 70. *t.* 37.
Prickly-stem'd Dioscorea.
Nat. of the East Indies. William Roxburgh, M. D.
Introd. 1803, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♃.

alata. 3. D. foliis oppositis ovatis cordato-sagittatis cuspidatis septemnerviis, caule alato bulbifero. *Willden. sp. pl.* 4. *p.* 792.
Katsjil-kelegu. *Rheed. mal.* 7. *p.* 71. *t.* 38.
Wing-stalk'd Dioscorea.
Nat. of both Indies.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Addenda, Ricophora 1.
Fl. S. ♃.

bulbifera. 4. D. foliis alternis cordatis subrotundo-ovatis acuminatis subnovemnerviis, caule lævi bulbifero. *Willden. sp. pl.* 4. *p.* 793.
Dioscorea tamifolia. *Salisb. paradis.* 17.
Black Bryony-leaved Dioscorea.
Nat. of the East Indies.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt. t.* 220. *f.* 6.
Fl. July and August. S. ♃.

sativa. 5. D. foliis alternis cordatis subrotundo-ovatis cuspidatis subnovemnerviis: lobis baseos approximatis, capsulis obovatis, caule lævi tereti. *Willden. sp. pl.* 4. *p.* 795.
Mu-kelengu. *Rheed. mal.* 8. *p.* 97. *t.* 51.
Cultivated Dioscorea, or Yam.
Nat. of the West Indies.

Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. *n.* 1.
Fl. August. S. ♃.

6. D. foliis alternis oppositis verticillatisque cordatis acuminatis novemnerviis subtus subpubescentibus, caule teretiusculo lævi. *Willden. sp. pl.* 4. *p.* 796. *villosa.*
Dioscorea villosa. *Jacqu. ic.* 3. *t.* 626.
Hairy Dioscorea.
Nat. of North America.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 4.
Fl. August. H. ♃.

FERREOLA. *Roxb. corom.* 1. *p.* 35.

MASC. *Cal.* tridentatus. *Cor.* tubulosa trifida. *Stam.* recaptaculo inserta.
FEM. *Cal.* et *Cor.* maris. *Styl.* 1. *Bacca* 2-sperma.

1. FERREOLA. *Willden. sp. pl.* 4. *p.* 798. *Roxb. corom.* 1. *p.* 35. *t.* 45. *buxifolia.*
Box-leaved Ferreola.
Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1810, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

ELAIS. *Gen. pl.* 1695.

MASC. *Cal.* 6-phyllus. *Cor.* 6-fida.
FEM. *Cal.* 6-phyllus. *Cor.* 6-petala. *Styl.* 1. *Stigm.* 3. *Drupa* 1-sperma, fibrosa. *Nux* 3-valvis.

1. E. frondibus pinnatis, stipitibus dentato-spinosis divergentibus: denticulis supremis recurvatis. *Willden. sp. pl.* 4. *p.* 799. *guineensis.*
Elais guineensis. *Jacqu. amer.* 280. *t.* 172.
Oily Palm Tree.
Nat. of Guinea.

Cult. 1730, by Mr. Ph. Miller. *Hort. chels.* 141.
Fl. S. ♄.

CHAMÆDOREA.

Masc. *Cal.* 3-partitus. *Cor.* 3-partita. *Stam.* 6. *Styli* rudimentum staminibus longius.

Fem. *Cal.* 3-partitus. *Cor.* 3-petala. *Nect.* squamæ 3 inter petala et germen. *Styli* 3. *Drupa* succulenta, 1-sperma.

gracilis. 1. Chamædorea. *Willden. sp. pl.* 4. *p.* 800.
Borassus pinnatifrons. *Jacqu. hort. schœnbr.* 2. *p.* 65. *t.* 247, 248.
Slender Chamædorea.
Nat. of Caracas and Guiana.
Introd. 1803, by purchase from the Captors of a French vessel.
Fl. S. ♄.

BORASSUS. *Gen. pl.* 1689.

Masc. *Cal.* 3-phyllus. *Cor.* hypocrateriformis limbo tripartito.

Fem. *Cal.* 8- s. 9-phyllus imbricatus. *Cor.* 0. *Stam.* 8, monadelpha. *Styl.* 0. *Drupa* tripyrena.

flabelliformis. 1. B. frondibus palmatis plicatis cucullatis, stipitibus serratis. *Willden. sp. pl.* 4. *p.* 800. *Roxb. corom.* 1. *p.* 50. *t.* 71, 72.
Fan-leaved Borassus.
Nat. of the East Indies.
Cult. 1771, by Mr. William Malcolm.
Fl. S. ♄.

OCTANDRIA.

POPULUS. *Gen. pl.* 1531.

Masc. *Amentum* cylindraceum. *Cal.* squama lacera. *Cor.* turbinata, obliqua, integra.

FEM. *Amentum* cylindraceum. *Cal.* et *Cor.* maris. *Stigma* 4-fidum. *Caps.* 2-locul. *Sem.* multa, papposa.

1. P. foliis cordato-subrotundis lobatis dentatis sub- *alba.*
tus tomentoso-niveis, amentis ovatis. *Willden.*
sp. pl. 4. *p.* 802. *Engl. bot.* 1618.
Great White Poplar. Abele Tree.
Nat. of Britain.
Fl. March and April. H. ♄.

2. P. foliis subrotundis angulato-repandis dentatis *cánescens.*
subtus tomentoso-incanis, amentis cylindraceis
laxis. *Willden. sp. pl.* 4. *p.* 802. *Engl.*
bot. 1619.
Common White Poplar. Gray Poplar.
Nat. of England
Fl. March and April. H. ♄.

3. P. foliis suborbiculatis dentatis acuminatis gla- *trepida.*
bris: basi supra biglandulosis; junioribus seri-
ceis. *Willden. sp. pl.* 4. *p.* 803.
American trembling Poplar.
Nat. of North America.
Introd. 1812, by Mr. Frederick Pursh.
Fl. H. ♄.

4. P. foliis suborbiculatis dentatis utrinque glabris, *tremula.*
petiolis compressis, ramulis hirtis. *Willden. sp.*
pl. 4. *p.* 803. *Engl. bot.* 1909. *Svensk bot.* 103.
Common trembling Poplar. Asp or Aspen.
Nat. of Britain.
Fl. March and April. H. ♄.

5. P. foliis subrotundo-ovatis acuminatis subcordatis *lævigata.*
inæqualiter serratis glabris, petiolis compressis,
ramis teretibus glabris. *Willden. sp. pl.* 4.
p. 803.
Smooth Poplar Tree.
Nat. of North America.
Cult. 1769, by Hugh Duke of Northumberland.
Fl. March and April. H. ♄.

græca. 6. P. foliis subrotundo-ovatis acutis leviter cordatis æqualiter adpresso-serratis glabris margine subciliatis, petiolis compressis, ramis teretibus glabris. *Willden. sp. pl.* 4. *p.* 804.
Athenian Poplar Tree
Nat. of the Islands of Archipelago.
Cult. 1779, by Hugh Duke of Northumberland.
Fl. March and April. H. ♄.

nigra. 7. P. foliis utrinque glabris acuminatis serratis deltoidibus: diametro longitudinali longiore. *Willden. sp. pl.* 4. *p.* 804. *Engl. bot.* 1910.
Black Poplar Tree.
Nat. of Britain.
Fl. March and April. H. ♄.

dilatata. 8. P. foliis utrinque glabris acuminatis serratis deltoidibus: diametro transversali longiore. *Willden. sp. pl.* 4. *p.* 804.
Lombardy, or Po Poplar Tree.
Nat. of Italy.
Introd. about 1758, by the Earl of Rochford.
Fl. March and April. H. ♄.

monilifera. 9. P. foliis subcordatis glabris basi glandulosis: serraturis cartilagineis hamatis pilosiusculis; nervis patulis, petiolis compressis, ramis teretibus. *Willden. sp. pl.* 4. *p.* 805.
Canadian Poplar Tree.
Nat. of Canada.
Introd. about 1772, by John Hope, M. D.
Fl. May. H. ♄.

angulata. 10. P. foliis cordatis deltoidibus acuminatis obtuse uncinato-dentatis, ramis alato-angulosis. *Willden. sp. pl.* 4. *p.* 805.
Populus magna virginiana foliis amplissimis, ramis nervosis quasi quadrangulis. *Du Hamel arb.* 2. *p.* 178. *t.* 39. *f.* 9.
Carolina Poplar Tree.
Nat. of Carolina.

Cult. 1738, by Mr. Ph. Miller. *R. S. n.* 841.
Fl. March. H. ♄.

11. P. foliis ovatis acuminatis adpresso-serratis subtus albidis reticulato-venosis, gemmis resinosis. *Willden. sp. pl.* 4. *p.* 805. *Pallas ross.* 1. *p.* 67. *t.* 41. *balsamifera.*
Common Tacamahac Poplar Tree.
Nat. of North America and Siberia.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt.* 228. *f.* 2.
Fl. April. H. ♄.

12. P. foliis cordatis ovatis acuminatis obtuse inæqualiter serratis subtus albidis subtriplinerviis reticulato-venosis, gemmis resinosis. *Willden. sp. pl.* 4. *p.* 806. *candicans.*
Heart-leaved Tacamahac Poplar Tree.
Nat. of Canada.
Introd. about 1772, by John Hope, M. D.
Fl. March. H. ♄.

13. P. foliis cordatis subrotundo-ovatis obtusis uncinato-dentatis: junioribus subtus tomentosis. *Willden. sp. pl.* 4. *p.* 806. *heterophylla.*
Various-leaved Poplar Tree.
Nat. of North America.
Cult. 1765, by John Fothergill, M.D.
Fl. April and May. H. ♄.

RHODIOLA. *Gen. pl.* 1532.

MASC. *Cal.* 4-partitus. *Cor.* 4 petala.
FEM. *Cal.* 4-partitus. *Cor.* 0. *Nectaria* 4. *Pist.* 4. *Caps.* 4, polyspermæ.

1. RHODIOLA. *Willden. sp. pl.* 4. *p.* 807. *Engl. bot.* 508. *rosea.*
Sedum Rhodiola. *Plant. grass.* 143.
Rose-root.
Nat. of Britain.
Fl. May—July. H. ♃.

ENNE-

ENNEANDRIA.

MERCURIALIS. *Gen. pl.* 1534.

Masc. *Cal.* 3 partitus. *Cor.* 0. *Stam.* 9 s. 12. *Anth.* globosæ, didymæ.
Fem. *Cal.* 3-partitus. *Cor.* 0. *Styli* 2. *Caps.* 2-cocca, 2-locularis, 1-sperma.

perennis. 1. M. caule simplicissimo, foliis scabris. *Willden. sp. pl.* 4. *p.* 809. *Curtis lond. Engl. bot* 1872.
Perennial Mercury.
Nat. of Britain.
Fl. April and May. H. ♃.

ambigua. 2. M. caule herbaceo brachiato, foliis ovato-oblongis glabris ciliatis, floribus verticillatis masculis et femineis intermixtis. *Willden. sp. pl. p.* 810.
Mercurialis ambigua. *Linn. fil. dec.* 1. *p.* 15. *t.* 8.
Doubtful Mercury.
Nat. of Spain and Portugal.
Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. H. ⊙.

annua. 3. M. caule herbaceo brachiato, foliis oblongis glabris, floribus masculis spicatis. *Willden. sp. pl.* 4. *p.* 810. *Curtis lond. Engl. bot.* 559.
Annual Mercury.
Nat. of Britain.
Fl. July—September. H. ⊙.

elliptica. 4. M. caule suffruticoso brachiato, foliis ellipticis utrinque acutis glabris glanduloso-serratis. *Willden. sp. pl.* 4. *p.* 810.
Mercurialis elliptica. *Venten. cels* 12.
Oval-leaved Mercury.
Nat. of Portugal.
Introd. 1802, by Mons. Cels.
Fl. May—July. G. H. ♄.

tomentosa. 5. M. caule suffruticoso, foliis oblongis tomentosis

apice utrinque serraturis binis. *Willden. sp. pl.* 4. *p.* 811.
Phyllum marificum et feminificum. *Clus. hist.* 2. *p.* 48.
Woolly Mercury.
Nat. of Spain.
Cult. 1640. *Park. theatr.* 297. *n.* 4.
Fl. July—September. H. ♄.

HYDROCHARIS. *Gen. pl.* 1535.

Masc. *Spatha* 2-phylla. *Cal.* 3-fidus. *Cor.* 3-petala. *Filam.* 3 interiora stylifera.
Fem. *Cal.* 3-fidus. *Cor.* 3-petala. *Styl.* 6. *Caps.* 6-locularis, polysperma, infera.

1. Hydrocharis. *Willden. sp. pl.* 4. *p.* 812. *Curtis lond. Engl. bot.* 808. *Morsus ranæ.*
Common Frog-bit.
Nat. of Britain.
Fl. June and July. H. ♃.

DECANDRIA.

CARICA. *Gen. pl.* 1536.

Masc. *Cal.* subnullus. *Cor.* 5-fida, infundibuliformis. *Filam.* in tubo corollæ: alterna breviora.
Fem. *Cal.* 5-dentatus. *Cor.* 5-petala. *Stigmata* 5. *Bacca* 1-locularis, polysperma.

1. C. foliis palmatis septemlobis: lobo intermedio sinuato: laciniis oblongis acutis, floribus masculis corymbosis. *Willden. sp. pl.* 4. *p.* 814. *Papaya.*
Mas. Papaya mas. *Ehret pict. t.* 3. *f.* 1.
Fem. Papaya fructu oblongo melonis effigie. *Trew ehret t.* 7.
Papaw Tree.
Nat. of both Indies.

Cult. 1690, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. July. S. ♄.

cauliflora. 2. C. foliis palmatis quinquelobis: lobo intermedio sinuato: laciniis lanceolatis acuminatis, pedunculis masculis subquinquefloris e tuberculis trunci. *Willden. sp. pl.* 4. *p.* 815.
Carica cauliflora. *Jacqu. hort. schœnbr.* 3. *p.* 33. *t.* 311.
Stem-flowering Papaw Tree.
Nat. of Caracas.
Introd. 1806, by A. P. Hove, Esq.
Fl. S. ♄.

microcarpa. 3. C. foliis tri- quinquelobisve: lobo intermedio trilobo, floribus masculis corymbosis. *Willden. sp. pl.* 4. *p.* 815.
Carica microcarpa. *Jacqu. hort. schœnbr.* 3. *p.* 32. *t.* 309, 310.
Small-fruited Papaw Tree.
Nat. of Caracas and Chili.
Introd. 1806, by A. P. Hove, Esq.
Fl. S. ♄.

GYMNOCLADUS. *Gen. pl.* 1537.

MASC. *Cal.* 5-dentatus. *Cor.* 5-petala.
FEM. *Cal.* 5-dentatus. *Cor.* 5-petala. *Stylus* 1. *Legum.* 1-loculare, intus pulposum.

canadensis. 1. GYMNOCLADUS. *Willden. sp. pl.* 4. *p.* 816. *Michaux amer.* 2. *p.* 241. *t.* 51.
Canadian Gymnocladus or Hardy Bonduc.
Nat. of Canada.
Cult. 1748, by Archibald Duke of Argyle.
Fl. H. ♄.

KIGGELARIA. *Gen. pl.* 1538.

MASC. *Cal.* 5-partitus. *Cor.* 5-petala: glandulæ 5, trilobæ. *Antheræ* apicibus perforatæ.

FEM. *Cal.* et *Cor.* maris. *Styl.* 5. *Caps.* 1-locularis, 5-valvis, polysperma.

1. K. foliis oblongis inæqualiter serratis. *Willden.* *africana.*
sp. pl. 4. *p.* 816. *J. Miller illustr.*
African Kiggelaria.
Nat. of the Cape of Good Hope.
Cult. 1683. *Ray's letters,* 171. Evonymo affinis.
Fl. May and June. G. H. ♄.

SCHINUS. *Gen. pl.* 1539.

MASC. *Cal.* 5-fidus. *Petala* 5.
FEM. *Flos* maris. *Bacca* 3-cocca.

1. S. foliis pinnatis: foliolis serratis: impari longis- *Molle.*
simo: petiolis æqualibus. *Willden. sp. pl.* 4.
p. 817. *Mill. ic.* 2. *p.* 164. *t.* 246.
Peruvian Mastick Tree.
Nat. of Peru.
Cult. before 1597, by Mr. John Gerard. *Ger. herb.* 1346.
Fl. July and August. G. H. ♄.

2. S. foliis simplicibus integris trifidisque, floribus *dependens.*
sæpius octandris. *Orteg. decad.* 8. *p.* 102.
Amyris polygama. *Willden. sp. pl.* 2. *p.* 333.
Cavanill. ic. 3. *p.* 20. *t.* 239.
Entire-leaved Schinus.
Nat. of Chili.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May—July. H. ♄.

3. S. foliis simplicibus dentatis. *Andrews's reposit.* *dentata.*
620.
Tooth-leaved Schinus.
Nat. of Owhyhee. *Archibald Menzies,* Esq.
Introd. 1795.
Fl. May—July. G. H. ♄.

CORIARIA. *Gen. pl.* 1540.

Masc. *Cal.* 5-partitus. *Cor.* 0. *Gland.* 5. *Anth.* 2-partitæ.

Fem. *Cal.* 5-partitus. *Cor.* 0. *Glandulæ* 5, germinibus interpositæ. *Styl.* 5. *Caps.* 5, monospermæ, glandulis ampliatis obtectæ.

myrtifolia. 1. C. foliis ovato-lanceolatis triplinerviis petiolatis. *Willden. sp. pl.* 4. *p.* 818. *Schkuhr handb.* 3. *p.* 489. *t.* 334.
Myrtle-leaved Sumach.
Nat. of Spain and the South of France.
Cult. before 1629, by Mr. John Parkinson. *Park. paradis.* 609. *f.* 5.
Fl. May—August. H. ♄.

DODECANDRIA.

STRATIOTES. *Gen. pl.* 1541.

Masc. *Spatha* 2-phylla. *Cal.* 3-partitus. *Cor.* 3-petala. *Nect.* 20, antheriformia. *Stam.* 11—13.

Fem. *Spatha*, *Cal.*, *Cor.*, et *Nect.* maris. *Germen* inferum, 6-angulare. *Styli* 6, 2-partiti. *Bacca* 6-locul. polysperma.

Aloides. 1. S. foliis lineari-lanceolatis carinatis aculeato-denticulatis. *Willden. sp. pl.* 4. *p.* 820. *Engl. bot.* 379.
Water Aloe. Water Soldier.
Nat. of England.
Fl. June and July. H. ♃.

HYÆNANCHE. *Correa in Lambert's cinchona, p.* 52.

Masc. *Cal.* 5—7-phyllus. *Cor.* 0. *Stam.* 10—20.

Fem. *Cal.* 7—8-phyll. imbricatus. *Cor.* 0. *Stigmata* 4. *Caps.* 4-cocca: loculis dispermis.

1. Hyænanche. *Lambert's cinchona*, 52. *t.* 10. *globosa.*
Toxicodendrum capense. *Willden. sp. pl.* 4. *p.* 821.
Hyena Poison Tree.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1783.
Fl. April—September. G. H. ♄.

EUCLEA. *Gen. pl.* 1542.

Masc. *Cal.* 5-dentatus. *Cor.* 5-partita. *Stam.* 15.
Fem. *Cal.* et *Cor.* maris. *Germen* superum. *Styli* 2. *Caps.* baccata, 3-cornis, 3-locul. *Sem.* solitaria, arillata.

1. E. foliis oblongis obovatisve planis. *Willden. sp. pl.* 4. *p.* 822. *Jacqu. fragm.* 3. *t.* 1. *f.* 5. *racemosa.*
Round-leaved Euclea.
Nat. of the Cape of Good Hope.
Introd. 1722, by Mr. Thomas Knowlton.
Fl. November and December. G. H. ♄.

2. E. foliis obovatis undulatis. *Willden. sp. pl.* 4. *p.* 822. *undulata.*
Wave-leaved Euclea.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. G. H. ♄.

DATISCA. *Gen. pl.* 1543.

Masc. *Cal.* 5-phyllus. *Cor.* 0. *Antheræ* sessiles, oblongæ, 15.
Fem. *Cal.* 2-dentatus. *Cor.* 0. *Styl.* 3. *Caps.* 3-angularis, 3-cornis, 1-locularis, pervia, polysperma, infera.

1. D. caule lævi. *Willden. sp. pl.* 4. *p.* 823. *Schkuhr handb.* 3. *p.* 491. *t.* 336. *cannabina.*
Smooth-stalk'd Bastard Hemp.
Nat. of the Island of Candia.
Cult. 1640. *Park. theatr.* 603. *f.* 3 *et* 4.
Fl. July—September. H. ♃.

MENISPERMUM. *Gen. pl.* 1544.

Masc. *Cal.* 2-phyllus. *Petala* 4 s. 6 exteriora; 8 interiora. *Stam.* 16.
Fem. *Cor.* maris. *Stam.* 8 sterilia. *Germina* 2 s. 3. *Baccæ* binæ, 1-spermæ.

canadense. 1. M. foliis peltatis cordatis subrotundo-angulatis. *Willden. sp. pl.* 4. *p.* 824. *Schkuhr handb.* 3. *p.* 492. *t.* 337.
Canadian Moon-seed.
Nat. of North America.
Cult. before 1691. *Pluk. alm.* 181. *t.* 36. *f.* 2.
Fl. June and July. H. ♄.

virginicum. 2. M. foliis peltatis cordatis lobatis. *Willden. sp. pl.* 4. *p.* 824.
Menispermum folio hederaceo. *Dill. elth.* 223, *t.* 178. *f.* 219.
Virginian Moon-seed.
Nat. of North America.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. July. H. ♄.

carolinum. 3. M. foliis cordatis subtus villosis. *Willden. sp. pl.* 4. *p.* 825.
Carolina Moon-seed.
Nat. of Carolina.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 3.
Fl. June and July. H. ♄.

Cocculus. 4. M. foliis orbiculato-cordatis rotundato-acuminatis obtusis mucronatis subtus pubescentibus quinquenerviis, corymbis petiolo brevioribus. *Willden. sp. pl.* 4. *p.* 825.
Cocculus officinarum. *Pluk. mant.* 52. *t.* 345. *f.* 2.
Jagged Moon-seed.
Nat. of the East Indies.

Introd. 1790, by Sir Archibald Campbell, Bart.
Fl. S. ♄.

5. M. foliis orbiculatis subtus villosis. *Willden. sp. pl.* 4. *p.* 828. *orbiculatum.*
Cattü-valli. *Rheed. mal.* 11. *p.* 127. *t.* 62.
Round-leaved Moon-seed.
Nat. of the East Indies.
Introd. 1790, by Sir Archibald Campbell, Bart.
Fl. S. ♄.

ICOSANDRIA.

FLACOURTIA. *Gen. pl.* 1546.

Masc. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 50—100.
Fem. *Cal.* 5-phyllus. *Cor.* 0. *Stigm.* stellatum, sessile. *Bacca* multilocularis: loculis dispermis.

1. F. foliis subrotundo-ovatis acutis crenatis. *Willden. sp. pl.* 4. *p.* 829. *Ramontchi.*
Flacourtia Ramontchi. *L'Herit. stirp. nov.* 59. *t.* 30.
Shining-leaved Flacourtia.
Nat. of Madagascar.
Introd. 1775, by Mons. Richard.
Fl. June and July. S. ♄.

2. F. foliis ovato-oblongis acuminatis serratis. *Willden. sp. pl.* 4. *p.* 830. *cataphracta.*
Many-spined Flacourtia.
Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1804, by the Right Hon. the Earl of Powis.
Fl. S. ♄.

3. F. foliis ellipticis obtusiusculis repando-serratis basi obtusis. *Willden. sp. pl.* 4. *p.* 830. *sapida.*
Flacourtia sapida. *Roxb. corom.* 1. *p.* 49. *t.* 69.
Esculent Flacourtia.

Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K.B.
Fl. S. ♄.

GELONIUM. *Roxb.*

MASC. *Cal.* 5-phyllus. *Cor.* 0. *Stam.* 12.
FEM. *Cal.* 5-phyllus. *Cor.* 0. *Styli* 0. *Stigmata* 3, lacera. *Caps.* 3-loc. 3-valv. 3-sperma.

bifarium. 1. G. foliis ellipticis acutiusculis. *Willden. sp. pl.* 4. *p.* 831.
Oval-leaved Gelonium.
Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K.B.
Fl. June—August. S. ♄.

ROTTLERA. *Roxb. corom.* 1. *p.* 36.

MASC. *Cal.* 2-partitus. *Cor.* 0. *Stam.* 30—40.
FEM. *Cal.* 4-dentatus. *Cor.* 0. *Styli* 3. *Caps.* 3-locularis, 3-cocca, 3-sperma.

tinctoria. 1. ROTTLERA. *Willden. sp. pl.* 4. *p.* 832. *Roxb. corom.* 2. *p.* 36. *t.* 168.
Dyer's Rottlera.
Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1810, by the Right Hon. Sir Joseph Banks, Bart. K.B.
Fl. S. ♄.

POLYANDRIA.

TREWIA. *Gen. pl.* 890.

MASC. *Cal.* 3-phyllus. *Cor.* 0.
FEM. *Cal.* 4-fidus. *Cor.* 0. *Styl.* 1. *Stigm.* 4, plumosa. *Caps.* 4-cocca, 4-sperma.

nudiflora. 1. T. foliis ovato-oblongis integerrimis glabris. *Willden. sp. pl.* 4. *p.* 834.

Canschi. *Rheed. mal.* 1. *p.* 76. *t.* 42.
Naked-flower'd Trewia.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1796, by Mr. Peter Good.
Fl. S. ♄.

EMBRYOPTERIS. *Gærtn. sem.* 1. *p.* 145. *t.* 29.

Masc. *Cal.* 4-dentatus. *Cor.* 4-fida. *Stam.* 20. *Anth.* 2-fidæ.
Fem. *Cal.* 4-dentatus. *Cor.* 4-fida. *Stigma* cruciatum, sessile. *Pomum* 8-spermum.

1. Embryopteris. *Willden. sp. pl.* 4. *p.* 836. *glutinifera.*
Roxb. corom. 1. *p.* 49. *t.* 70.
Indian Embryopteris.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1796, by Mr. Peter Good.
Fl. S. ♄.

CLIFFORTIA. *Gen. pl.* 1550.

Masc. *Cal.* 3-phyllus. *Cor.* 0. *Stam.* fere 30.
Fem. *Cal.* 3-phyllus, superus. *Cor.* 0. *Styli* 2. *Caps.* 2-locularis. *Sem.* 1.

1. C. foliis cuneiformibus truncatis apice quinquedentatis striato-venosis. *Willden. sp. pl.* 4. *p.* 838. *cuneata.*
Wedge-leaved Cliffortia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1787.
Fl. April. G. H. ♄.

2. C. foliis alternis subrotundo-ellipticis amplexicaulibus a medio ad apicem mucronato-dentatis striato-venosis. *Willden. sp. pl.* 4. *p.* 838. *J. Miller illustr.* *ilicifolia.*
Ilex-leaved Cliffortia.
Nat. of the Cape of Good Hope.
Cult. 1714, in Chelsea Garden. *Br. Mus. H. S.* 134. *fol.* 14.
Fl. most part of the Year. G. H. ♄.

ruscifolia. 3. C. foliis alternis lanceolatis glabris nervosis spina terminatis; floralibus tridentatis, ramis pubescentibus. *Willden. sp. pl.* 4. *p.* 839.
Cliffortia foliis lanceolatis integerrimis. *Linn. hort. cliff.* 463. *t.* 31.
Butcher's-broom-leaved Cliffortia.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 2.
Fl. June and July. G. H. ♄.

pulchella. 4. C. foliis oppositis orbiculatis integerrimis adpressis multinerviis. *Willden. sp. pl.* 4. *p.* 840.
Beautiful Cliffortia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1795.
Fl. April and May. G. H. ♄.

crenata. 5. C. foliis oppositis ternisve orbiculatis adpressis denticulatis septemnerviis. *Willden. sp. pl.* 4. *p.* 840.
Notch'd-leaved Cliffortia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1791.
Fl. July and August. G. H. ♄.

ericæfolia. 6. C. foliis fasciculatis teretibus sulcatis glabris. *Willden. sp. pl.* 4. *p.* 841.
Heath-leaved Cliffortia.
Nat. of the Cape of Good Hope.
Introd. 1799, by William Roxburgh, M.D.
Fl. July—September. G. H. ♄.

obcordata. 7. C. foliis ternatis aveniis glabris subrotundo-ellipticis: intermedio minore obcordato. *Willden. sp. pl.* 4. *p.* 842.
Heart-leaved Cliffortia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. June—August. G. H. ♄.

8. C. foliis ternatis fasciculatis venosis pilosis: lateralibus lanceolatis integerrimis; intermedio obovato tridentato. *Willden. sp. pl.* 4. *p.* 842. *trifoliata.*
Thymelææ affinis æthiopica, foliis tridentatis et ex omni parte hirsutie pubescentibus. *Pluk. alm.* 367. *t.* 319. *f.* 4.
Three-leaved Cliffortia.
Nat. of the Cape of Good Hope.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 4.
Fl. April—July. G. H. ♄.

9. C. foliis ternatis linearibus villosis. *Willden. sp. pl.* 4. *p.* 843. *sarmentosa.*
Twiggy Cliffortia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1793.
Fl. June—August. G. H. ♄.

CYCAS. *Gen. pl.* 1699.

Masc. *Ament.* imbricatum. *Cal.* squama spathulata. *Cor.* 0. *Antheræ* globosæ, in squama sessiles.
Fem. *Spadix* compresso-anceps. *Cal.* 0. *Cor.* 0. *Stylus* 1. *Drupa* 1-sperma.

1. C. frondibus pinnatis: foliolis lanceolato-linearibus acutis uninerviis planis. *Willden. sp. pl.* 4. *p.* 844. *circinalis.*
Todda-panna s. Mouta-panna. *Rheed. mal.* 3. *p.* 9. *t.* 13—21.
Broad-leaved Cycas.
Nat. of the East Indies.
Cult. 1700, by the Earl of Clarendon. *Br. Mus. Sloan. mss.* 3343.
Fl. S. ♄.

2. C. frondibus pinnatis: foliolis linearibus mucronatis uninerviis margine revolutis. *Willden.* *revoluta.*
sp.

sp. pl. 4. *p.* 844. *Smith in linn. soc. transact.* 6. *p.* 312. *t.* 29.
Narrow-leaved Cycas.
Nat. of China and Japan.
Cult. before 1737, by John Blackburne, Esq. *Knowlton Jun. mss.*
Fl. July and August. S. ♄.

ZAMIA. *Gen. pl.* 1700.

Masc. *Amentum* strobiliforme. *Cal.* squama obovata. *Cor.* 0. *Anth.* globosæ, rima dehiscentes, in squama sessiles.
Fem. *Ament.* strobiliforme. *Cal.* squamæ peltatæ. *Cor.* 0. *Germina* 2. *Styli* 0. *Baccæ* 2, 1-spermæ.

pungens. 1. Z. frondibus pinnatis: foliolis subulatis patentibus strictis rigidis mucronatis: margine exteriore baseos rotundato, stipite teretiusculo inermi. *Willden. sp. pl.* 4. *p.* 845.
Palma sobolifera, ægyptia, foliis levioribus, fructu nigro. *Till. pis.* 129. *tab.* 45.
Needle Zamia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1775.
Fl. G. H. ♄.

debilis. 2. Z. frondibus pinnatis: foliolis lanceolatis acutis muticis apice serratis, stipite triquetro glabro. *Willden. sp. pl.* 4. *p.* 847.
Palma prunifera humilis non spinosa insulæ Hispaniolæ, fructui jujubino similis, ossiculo triangulo. *Commel. hort.* 1. *p.* 111. *t.* 58.
Long-leaved Zamia.
Nat. of the West Indies.
Introd. 1777, by Messrs. Kennedy and Lee.
Fl. July and August. S. ♄.

integrifolia. 3. Z. frondibus pinnatis: foliolis lanceolatis rotundato-

dato-obtusis basi attenuatis latere exteriore ad apicem serrulatis, stipite glabro subtetragono. *Willden. sp. pl.* 4. *p.* 847.
Zamia integrifolia. *Jacq. ic.* 3. *t.* 635.
Dwarf Zamia.
Nat. of East Florida.
Introd. 1768, by John Ellis, Esq.
Fl. July and August. S. ♄.

4. Z. frondibus pinnatis: foliolis lanceolatis acutis muticis a medio ad apicem serratis subtus furfuraceis, stipite teretiusculo inferne spinoso. *Willden. sp. pl.* 4. *p.* 848. *furfuracea.*
Palmifolia fructu clavato polyspermo. *Trew ehret. t.* 26.
Broad-leaved Zamia.
Nat. of the West Indies.
Cult. 1691, in the Royal Garden at Hampton Court. *Pluk. phyt.* 103. *f.* 2.
Fl. July and August. S. ♄.

5. Z. amentis glabris: squamis elongato-acuminatis: masculis cuneiformibus, frondibus glaberrimis multijugis: pinnis linearibus. *Brown prodr.* 348. *spiralis.*
Zamia spiralis. *Willden. sp. pl.* 4. *p.* 848.
Spiral Zamia.
Nat. of New South Wales.
Cult. 1796, by R. A. Salisbury, Esq. *Salisb. prodr.* 401.
Fl. July and August. S. ♄.

6. Z. frondibus pinnatis: foliolis pruinosis glaucis lanceolatis acutis mucronatis: medio in latere exteriore spinoso-tridentatis, stipite tetragono truncoque glabris. *Willden. sp. pl.* 4. *p.* 849. *horrida.*
Zamia horrida. *Jacqu. fragm.* 27. *t.* 27, 28.
Gray Zamia.
Nat. of the Cape of Good Hope.
Introd. 1800, by John Liptrap, Esq.
Fl. G. H. ♄.

7. Z. fo-

Cycadis. 7. Z. foliolis obliquis lineari-lanceolatis subulatis pilosis curvatis apice uni- vel tri-spinosis, stipite inermi.
Zamia Cycadis. *Linn. suppl.* 443.
Cycas caffra. *Thunb. in nov. act. upsal.* 2. *p.* 283. *t.* 5.
α. foliis apice unispinosis.
Entire narrow-leaved Zamia.
β. foliis apice bi- vel tri-spinosis.
Trifid narrow-leaved Zamia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1775.
Fl. G. H. ♄.

MONADELPHIA.

ARAUCARIA. Dombeya. *Gen. pl.* 1551.

MASC. *Amentum* imbricatum. *Cal.* squama sublignosa. *Cor.* 0. *Anth.* 10—12 in squama, connatæ.
FEM. *Amentum* strobiliforme. *Cal.* squama lanceolata, coriacea. *Cor.* 0. *Styl.* 0. *Nux* coriacea, cuneiformis.

imbricata. 1. A. foliis octofariam imbricatis oblongis mucronato-pungentibus.
Araucaria imbricata. *Willden. sp. pl.* 4. *p.* 850.
Sir Joseph Banks's Pine. Chili Pine.
Nat. of Chili.
Introd. 1796, by Archibald Menzies, Esq.
Fl. G. H. ♄.

excelsa. 2. A. foliis adultioribus arcte imbricatis inflexis muticis.
Dombeya excelsa. *Lambert's Pinus* 87. *t.* 39, 40.
Norfolk Island Pine.
Nat. of Norfolk Island.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. G. H. ♄.

JUNIPERUS. *Gen. pl.* 1552.

MASC. *Amentum* ovatum. *Cal.* squama. *Cor.* 0. *Stam.* 3.
FEM. *Cal.* 3-partitus. *Petala* 3. *Styli* 3. *Bacca* 3-sperma, tribus tuberculis calycis inæqualis.

1. J. foliis quadrifariam imbricatis acutis. *Willden. sp. pl.* 4. *p.* 851. *thurifera.*
Spanish Juniper.
Nat. of the South of Europe.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 14.
Fl. May and June. H. ♄.

2. J. foliis inferioribus ternis; superioribus binis decurrentibus subulatis patulis acutis. *Willden. sp. pl.* 4. *p.* 851. *bermudiana.*
Juniperus bermudiana. *Herm. lugdb.* 345. *t.* 347.
Bermudas Cedar, or Juniper.
Nat. of Bermudas.
Cult. before 1683. *Ray's letters, p.* 171. Cedrus Bermudæ.
Fl. May and June. G. H. ♄.

3. J. foliis decurrentibus imbricato-patentibus confertis: caulinis ternis; rameis quaternis. *Willden. sp. pl.* 4. *p.* 851. *chinensis.*
Chinese Juniper.
Nat. of China. Mr. William Kerr.
Introd. 1804. by the Hon. Court of Directors of the E. I. C. in the Henry Addington, Capt. Kirkpatrick.
Fl. May and June. G. H. ♄.

4. J. foliis oppositis obtusiusculis medio glandulosis quadrifariam imbricatis; tenellis acutis ternis patulis, caule arboreo. *Willden. sp. pl.* 4. *p.* 852. *excelsa.*
Tall Juniper.
Nat. of Siberia.

Introd. 1806, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. H. ♄.

Sabina. 5. J. foliis oppositis obtusis medio glandulosis quadrifariam imbricatis; tenellis acutis oppositis, caule fruticoso. *Willden. sp. pl.* 4. *p.* 852. *Bulliard herb. de la France* 139.
cupressifolia. α. Sabina folio cupressi. *Bauh. pin.* 487.
Common Savin.
tamariscifolia. β. Sabina folio tamarisci Dioscoridis. *Bauh. pin.* 487.
Tamarisk-leaved Savin.
Nat. of the South of Europe and the Levant.
Cult. before 1548. *Turner's names of herbes, sign. Fviij.*
Fl. May and June. H. ♄.

daurica. 6. J. foliis oppositis acutis imbricatis decurrentibus; passim patulis subulatis. *Pallas ross.* 2. *p.* 13. *t.* 55. *Andrews's reposit.* 534.
Daurian Juniper.
Nat. of Dauria.
Introd. 1791, by John Bell, Esq.
Fl. June—August. H. ♄.

virginiana. 7. J. foliis ternis basi adnatis: junioribus imbricatis; senioribus patulis. *Willden. sp. pl.* 4. *p.* 853. *Michaux arb. for.* 3. *p.* 42. *t.* 5.
Virginian Red Cedar, or Juniper.
Nat. of North America.
Cult. before 1664, by John Evelyn, Esq. *Evelyn's Sylva* 61.
Fl. May and June. H. ♄.

communis. 8. J. foliis ternis patentibus mucronatis bacca longioribus. *Willden. sp. pl.* 4. *p.* 853. *Engl. bot.* 1100. *Fl. dan.* 1119.
vulgaris. α. Juniperus vulgaris fruticosa. *Bauh. pin.* 488.
Common Juniper.
suecica. β. Juniperus foliis ternis patentibus, acutioribus, ramis erectioribus, bacca longioribus. *Mill. dict.*
Swedish

Swedish Juniper.
γ. Juniperus minor montana, folio latiore, fructuque longiore. *Bauh. pin.* 489. montana.
Juniperus nana. *Willden. sp. pl.* 4. *p.* 854.
Mountain Juniper.
Nat. of Britain.
Fl. May. H. ♄.

9. J. foliis ternis patentibus mucronatis bacca brevioribus. *Willden. sp. pl.* 4. *p.* 854. *Oxycedrus.*
Oxycedrus. *Clus. hist.* 1. *p.* 39.
Brown-berried Juniper.
Nat. of Spain and Portugal.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 6.
Fl. May and June. H. ♄.

10. J. foliis ternis obliteratis imbricatis obtusis. *Willden. sp. pl.* 4. *p.* 855. *Pallas ross.* 2. *p.* 16. *t.* 57. *phœnicea.*
Phœnician Cedar, or Juniper.
Nat. of the South of Europe and the Levant.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 74. *n.* 4.
Fl. May and June. H. ♄.

11. J. foliis ternis undique imbricatis ovatis obtusis. *Willden. sp. pl.* 4. *p.* 855. *Pallas ross.* 2. *p.* 14. *t.* 56. *lycia.*
Lycian Cedar, or Juniper.
Nat. of France, Siberia, and the Levant.
Cult. 1693, by Mr. Jacob Bobart. *Br. Mus. Sloan. mss.* 3343.
Fl. May and June. H. ♄.

TAXUS. *Gen. pl.* 1553.

MASC. *Cal.* 4-phyllus gemmæ. *Cor.* 0. *Stam.* multa. *Anth.* peltatæ, 8-fidæ.
FEM. *Cal.* 4-phyllus gemmæ. *Cor.* 0. *Styl.* 0. *Sem.* 1, calyculo baccato, integerrimo.

1. T. foliis linearibus distichis planis, receptaculis masculis globosis. *Willden. sp. pl.* 4. *p.* 856. *Engl. bot.* 746. *baccata.*

Common Yew Tree.
Nat. of Britain.
Fl. February—April. H. ♄.

elongata. 2. T. foliis lineari-lanceolatis, receptaculis masculis filiformi-cylindraceis amentiformibus, antheris numerosissimis spiraliter collocatis. *Willden. sp. pl.* 4. *p.* 857.
African Yew Tree.
Nat. of the Cape of Good Hope.
Introd. 1774, by Thomas Lucas, Esq.
Fl. July. G. H. ♄.

nucifera. 3. T. foliis solitariis linearibus cuspidatis remotis. *Willden. sp. pl.* 4. *p.* 857.
Fi vulgo Kira. *Kæmpf. amœn.* 814. *t.* 815.
Acorn-bearing Yew.
Nat. of Japan and China.
Cult. 1764, by Captain Thomas Cornwall.
Fl. G. H. ♄.

macrophylla. 4. T. foliis solitariis lanceolatis remotis. *Willden. sp. pl.* 4. *p.* 857. *Icon Kæmpfer.* 24.
Long-leaved Yew.
Nat. of China. Mr. William Kerr.
Introd. 1804, by the Hon. Court of Directors of the E. I. C. in the Henry Addington, Captain Kirkpatrick.
Fl. July and August. G. H. ♄.

EPHEDRA. *Gen. pl.* 1554.

Masc. *Amenti Cal.* 2-fidus. *Cor.* 0. *Stamina* 7. *Antheræ* 4 inferiores; 3 superiores.
Fem. *Cal.* 2-partitus, 5-tuplex. *Cor.* 0. *Pist.* 2. *Sem.* 2, calyce baccato tecta.

distachya. 1. E. vaginis articulorum bidentatis obtusis, amentis binis ternisve oppositis pedunculatis, pedunculis amento brevioribus. *Willden. sp. pl.* 4. *p.* 858. *Schkuhr handb.* 3. *p.* 500. *t.* 339. Fem.
Great Shrubby Horse-tail, or Sea Grape.
Nat. of France and Spain.

Cult. before 1570, by Matthias de L'Obel. *Lobel. adv.* 355.
Fl. June and July. H. ♄.

2. E. vaginis articulorum bidentatis obtusis, amentis solitariis sparsis oppositisve, pedunculis amento longioribus. *Willden. sp. pl.* 4. *p.* 859. *Pallas ross.* 2. *p.* 87. *t.* 83. *monostachya.*
Small Shrubby Horse-tail.
Nat. of Siberia.
Introd. about 1772, by Messrs. Kennedy and Lee.
Fl. September—November. H. ♄.

CISSAMPELOS. *Gen. pl.* 1555.

MASC. *Cal.* 4-phyllus. *Cor.* 0. *Nectar.* rotatum. *Stam.* 5: *Filam.* connatis.
FEM. *Cal.* 1-phyllus, ligulato-subrotundus. *Cor.* 0. *Styli* 3. *Bacca* 1-sperma.

1. C. foliis subpeltatis subrotundis cordatis emarginatis mucronatis. *Willden. sp. pl.* 4. *p.* 861. *Pareira.*
Clematis baccifera glabra et villosa, rotundo et umbilicato folio. *Plum. amer.* 78. *t.* 93.
Velvet-leaf Cissampelos.
Nat. of South America.
Introd. before 1733, by William Houstoun, M. D. *Mill. dict. ed.* 8. *n.* 1.
Fl. July and August. S. ♃.

. C. foliis ovatis obtusis petiolatis integris, caule volubili. *Willden. sp. pl.* 4. *p.* 862. *capensis.*
Cape Cissampelos.
Nat. of the Cape of Good Hope.
Introd. 1775, by Mr. Fr. Masson.
Fl. G. H. ♄.

. C. foliis subrotundis cordatis obtusis septemnerviis petiolatis. *Willden. sp. pl.* 4. *p.* 863. *Caapeba.*
Caapeba folio orbiculari non umbilicato. *Plum. ic.* 67. *f.* 2.
Nervous-leaved Cissampelos.

Nat. of South America.
Introd. before 1733, by William Houstoun, M. D.
Mill. dict. ed. 8. *n.* 2.
Fl. July and August. S. ♃.

smilacina. 4. C. foliis subrotundo-cordatis quinquangularibus acutis subtus glaucis. *Willden. sp. pl.* 4. *p.* 863. *Jacqu. ic.* 3. *t.* 629.
Smilax-leaved Cissampelos.
Nat. of Carolina.
Introd. about 1776, by John Hope, M. D.
Fl. F. ♄.

EXCŒCARIA. *Gen. pl.* 1498.

Masc. *Ament.* cylindraceum. *Cal.* squama. *Cor.* 0. *Filam.* 3-partito.
Fem. *Cal.* squamæ 3. *Cor.* 0. *Caps.* 3-cocca.

serrata. 1. E. monoica diandra, foliis oblongis serratis.
Saw-leaved Excœcaria.
Nat. of Chili. *Archibald Menzies*, Esq.
Introd. 1796.
Fl. most part of the Winter. G. H. ♄.

LOUREIRA. *Cavanill. ic.* 5. *p.* 17.

Masc. *Cal.* 5-partitus. *Cor.* campanulata, 5 fida. *Stam.* 8—13 basi cohærentia.
Fem. *Cal.* et *Cor.* maris. *Caps.* 2-cocca, 2-locularis, loculis 1-spermis.

glandulosa. 1. L. foliis cordatis limbo glandulosis. *Willden sp. pl.* 4. *p.* 866. *Cavanill. ic.* 5. *p.* 18. *t.* 430
Glandulous Loureira.
Nat. of Mexico.
Introd. 1799, by the Marchioness of Bute.
Fl. S. ♄

ADELIA. *Gen. pl.* 1558.

Masc. *Cal.* 3-partitus. *Cor.* 0. *Stam.* plurima basi coalita.

FEM. *Cal.* 5-partitus. *Cor.* 0. *Styli* 3, laceri. *Caps.* 3-cocca.

1. A. foliis oblongis tomentosis serratis. *Willden. sp pl.* 4. *p.* 867. *Bernardia.*
Villous-leaved Adelia.
Nat. of Jamaica.
Cult. before 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 1.
Fl. July and August. S. ♄.

2. A. foliis obovatis integerrimis. *Willden. sp. pl.* 4. *p.* 868. *Ricinella.*
Smooth-leaved Adelia.
Nat. of Jamaica.
Cult. 1768, by Mr. Philip Miller. *Mill. dict. ed.* 8. *n.* 2.
Fl. June—August. S. ♄.

3. A. foliis oblongis obtusis integerrimis fasciculatis, spinis axillaribus. *Willden. sp. pl.* 4. *p.* 868. *Acidoton.*
Box-leaved Adelia.
Nat. of Jamaica.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. *n.* 3.
Fl. June and July. S. ♄.

MYRISTICA. *Gen. pl.* 1562.

MASC. *Cal.* 0. *Cor.* campanulata, trifida. *Filamentum* columnare. *Anth.* 6—10, connatæ.
FEM. *Cal.* 0. *Cor.* campanulata, 3-fida, decidua. *Stigm.* 2. *Drupa* nuce arillata, 1-sperma.

1. M. foliis oblongis acuminatis glabris: venis simplicibus, fructu solitario glabro. *Willden. sp. pl.* 4. *p.* 869. *moschata.*
Myristica aromatica. *Lamarck in act. paris.* 1788. *p.* 155. *t.* 5—7.
Aromatic, or True Nutmeg Tree.
Nat. of the East Indies.

Introd. 1795, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

NEPENTHES. *Gen. pl.* 1560.

Masc. *Cal.* 4-partitus, patens, interne coloratus. *Cor.* 0. *Filam.* columnare. *Anth.* 15—17, connatæ.
Fem. *Cal.* et *Cor.* maris. *Stigm.* peltatum, sessile. *Caps.* 4-locul. polysperma.

distillatoria. 1. N. foliis sessilibus, ascidiis cylindraceis, floribus paniculatis. *Willden. sp. pl.* 4. *p.* 873.
Bandura zeylanica in extremo foliorum folliculum peniformem expansum habens. *Burm. zeyl.* 42. *t.* 17.
Pitcher Plant.
Nat. of Ceylon and China.
Introd. 1789, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. April and May. S. ♃.

RUSCUS. *Gen. pl.* 1559.

Masc. *Cal.* 6-phyllus. *Cor.* 0. *Nectarium* centrale, ovatum, apice perforatum.
Fem. *Cal. Cor.* et *Nectarium* maris. *Styl.* 1. *Bacca* 3-locularis. *Sem.* 2.

aculeatus. 1. R. foliis mucronato-pungentibus supra floriferis nudis. *Willden. sp. pl.* 4. *p.* 874. *Engl. bot.* 560.
Prickly Butcher's-broom.
Nat. of England.
Fl. December—June. H. ♄.

Hypophyllum. 2. R. foliis subtus floriferis nudis. *Willden. sp. pl.* 4. *p.* 875.
Laurus alexandrina Chamædaphne. *Column. ecphr.* 1. *par.* 1. *p.* 364. *t.* 165. *f.* 1.
Broad-leaved Butcher's-broom.
Nat. of Italy.

Cult. 1640, by Mr. John Parkinson. *Park. theatr.* 700. *f.* 1. & 2.
Fl. May and June. H. ♄.

3. R. foliis supra floriferis sub foliolo. *Willden. sp. pl.* 4. *p.* 875. *Schkuhr handb.* 3. *p.* 504. *t.* 340. *Hypoglossum.*
Double-leaved Butcher's-broom.
Nat. of Hungary and Italy.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. April and May. H. ♄.

4. R. foliis margine floriferis. *Willden. sp. pl.* 4. *p.* 875. *androgynus.*
Ruscus latifolius e foliorum sinu florifer et baccifer. *Dill. elth.* 332. *t.* 250. *f.* 322.
Climbing Butcher's broom.
Nat. of the Canary Islands.
Cult. before 1713, in the Royal Garden at Hampton Court. *Philosoph. transact. n.* 337. *p.* 199. *n.* 77.
Fl. most part of the Summer. G. H. ♄.

5. R. racemo terminali hermaphroditico. *Willden. sp. pl.* 4. *p.* 876. *racemosus.*
Laurus alexandrina, fructu e summitate caulium prodeunte. *Herm. lugdb.* 679. *t.* 681.
Alexandrian Laurel, or Butcher's-broom.
Nat. of Portugal.
Cult. 1713. *Philosoph. transact. n.* 337. *p.* 199. *n.* 75.
Fl. June. H. ♄.

LATANIA. *Juss. gen.* 39.

MASC. *Spatha* polyphylla. *Cal.* 3-phyll. *Cor.* 3-petala. *Stam.* 15-16.
FEM. *Drupa* corticosa, 3-pyrena.

1. L. frondibus plicato-flabelliformibus: foliolis spinoso-serrulatis, stipite inermi. *Willden. sp. pl.* 4. *p.* 878. *rubra.*
Latania rubra. *Jacqu. fragm.* 13. *t.* 8.
Red Bourbon Palm.

Nat. of the Mauritius.
Introd. 1788, by Mr. Francis Masson.
Fl. S. ♄.

GYNANDRIA.

CLUYTIA. *Gen. pl.* 1526.

MASC. *Cal.* 5-phyllus. *Cor.* 5-petala. *Nect.* glandulosum. *Stam.* 5, rudimento pistilli columnari inserta.
FEM. *Cal.* et *Cor.* maris. *Styli* 3. *Caps.* 3-locularis. *Sem.* 1.

Alaternoides. 1. C. foliis sessilibus lineari-lanceolatis acutis, floribus axillaribus solitariis. *Willden. sp. pl.* 4. *p.* 879.
MASC. *Botan. magaz.* 1321.
FEM. *Willden. hort. berolin.* 50.
Narrow-leaved Cluytia.
Nat. of the Cape of Good Hope.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt. t.* 320. *f.* 1.
Fl. December—March. G. H. ♄.

polygonoides. 2. C. foliis sessilibus obovatis acutis, pedunculis subtrifloris axillaribus. *Willden. sp. pl.* 4, *p.* 879. *Hort. berolin.* 51. Mas.
Polygonum-like Cluytia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. April—June. G. H. ♄.

daphnoides. 3. C. foliis subsessilibus lanceolato-obovatis, floribus axillaribus solitariis. *Willden. sp. pl.* 4. *p.* 880. *Hort. berolin.* 52. Fem.
Daphne-leaved Cluytia.
Nat. of the Cape of Good Hope.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Alaternoides 3.
Fl. May and June. G. H. ♄.

4. C. fo-

4. C. foliis subsessilibus lineari-lanceolatis acutis crassiusculis, floribus axillaribus geminis. *Willden. sp. pl.* 4. *p.* 880. *ericoides.*
Heath-leaved Cluytia.
Nat. of the Cape of Good Hope.
Introd. 1790, by Mr. Francis Masson.
Fl. April—June. G. H. ♄.

5. C. foliis petiolatis linearibus obtusis mucronatis margine revolutis, floribus axillaribus subsolitariis longe pedunculatis. *Willden. sp. pl.* 4. *p.* 880. *polifolia.*
Cluytia polifolia. *Jacqu. hort. schœnbr.* 2. *p.* 67. *t.* 50.
Poley-leaved Cluytia.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1790.
Fl. April and May. G. H. ♄.

6. C. foliis petiolatis ovatis acutiusculis glabris, floribus subquinis axillaribus. *Willden. sp. pl.* 4. *p.* 881. *Houtt. nat. hist.* 6. *t.* 36. *pulchella.*
Broad-leaved Cluytia.
Nat. of the Cape of Good Hope.
Cult. 1739, by Mr. Philip Miller. *Rand chels. p.* 213.
Fl. most part of the Year. G. H. ♄.

7. C. foliis petiolatis ellipticis obtusis subretusis glabris nitidis, floribus axillaribus polygamis subternis. *Willden. sp. pl.* 4. *p.* 883. *collina.*
Cluytia collina. *Roxb. corom.* 2. *p.* 37. *t.* 169.
Hill Cluytia.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1807, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

Classis

Classis XXIII.

POLYGAMIA.

MONOECIA.

MUSA. *Gen. pl.* 1563.

Hermaphroditus. *Cal.* spatha. *Cor.* 2-petala: altero erecto, 5-dentato; altero nectarifero, concavo, breviore. *Filam.* 6, horum 5 perfecta. *Styl.* 1. *Germen* inferum, abortiens.

Hermaphrodita. *Cal. Cor. Filam. Pistillum* hermaphroditi, filamento unico perfecto. *Bacca* oblonga, 3-quetra, infera.

paradisiaca. 1. M. spadice nutante, floribus masculis persistentibus, spathis oblongis acutis, fructu cylindraceo-trigono. *Willden. sp. pl.* 4. *p.* 893.
Musa caudice viridi, fructu longiore sulcato anguloso. *Trew ehret* 3. *t.* 18, 19, 20.
Common Plantain Tree.
Nat. of both Indies.
Cult. 1690, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. October—December. S. ♄.

sapientum. 2. M. spadice nutante, floribus masculis deciduis, spathis oblongis obtusiusculis, fructu elliptico. *Willden. sp. pl.* 4. *p.* 894.
Musa caudice maculato, fructu recto rotundo breviore odorato. *Trew ehret* 4. *t.* 21, 22, 23.

Banana Tree.
Nat. of the West Indies.
Cult. before 1729, by Mr. Thomas Fairchild. *Knowlton Jun. mss.*
Fl. October—March. S. ♄.

3. M. spadice nutante, floribus masculis deciduis, spathis ellipticis obtusissimis, fructu oblongo. *Willden. sp. pl.* 4. *p.* 894. *enumer.* 1026. *rosacea.*
Musa rosacea. *Jacqu. hort. schœnbr.* 4. *p.* 22. *t.* 445.
Rose-colour'd Plantain Tree.
Nat. of the Mauritius.
Introd. 1805, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. most part of the Spring. S. ♄.

4. M. spadice erecto capitato, spathis oblongis obtusis: inferioribus apice subfoliaceis, fructu cylindraceo. *Willden. sp. pl.* 4. *p.* 895. *coccinea.*
Musa coccinea. *Andrews's reposit.* 47. *Botan. magaz.* 1559. *Redouté liliac.* 307, 308.
Scarlet-flower'd Plantain Tree.
Nat. of China.
Introd. about 1792, by Thomas Evans, Esq.
Fl. December—March. S. ♄.

VERATRUM. *Gen. pl.* 1564.

Hermaphrod. *Cal.* 0. *Cor.* 6-petala. *Stam.* 6. *Pist.* 3. *Caps.* 3, polyspermæ.
Masc. *Cal.* 0. *Cor.* 6-petala. *Stam.* 6. *Pistilli* rudimentum.

1. V. racemis paniculatis, bracteis ramorum oblongis; partialibus pedunculum pubescentem subæquantibus, floribus erectis. *Willden. sp. pl.* 4. *p.* 895. *Fl. dan.* 1120. *album.*
White Veratrum, or Hellebore.
Nat. of Europe.
Cult. 1548, in Syon Garden. *Turner's names of herbes, sign. Gviij.*
Fl. June—August. H. ♃.

2. V. race-

viride. 2. V. racemis paniculatis, bracteis ramorum oblongo-lanceolatis; partialibus pedunculo subpubescente longioribus. *Willden. sp. pl.* 4. *p.* 896.
Helonias viridis. *Botan. magaz.* 1096.
Green-flower'd Veratrum.
Nat. of North America.
Cult. 1742, by Peter Collinson, Esq. *Coll. mss.*
Fl. July and August. H. ♃.

virginicum. 3. V. racemis paniculatis, bracteis pedunculo brevioribus, corollæ laminis basi biglandulosis.
Melanthium virginicum. *Willden. sp. pl.* 2. *p.* 266.
Helonias virginica. *Botan. magaz.* 985.
Virginian Veratrum.
Nat. of North America.
Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. Melanthium 1.
Fl. June and July. H. ♃.

nigrum. 4. V. racemis supradecomposito-paniculatis, bracteis ramorum lineari-lanceolatis longissimis; partialibus pedunculo tomentoso longioribus. *Willden. sp. pl.* 4. *p.* 896. *Botan. magaz.* 963.
Dark-flower'd Veratrum.
Nat. of Austria and Siberia.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June and July. H. ♃.

parviflorum. 5. V. racemis paniculatis, petalis ungue staminiferis. *Willden. sp. pl.* 4. *p.* 897.
Small-flower'd Veratrum.
Nat. of Carolina.
Introd. 1809, by Messrs. Fraser.
Fl. June and July. H. ♃.

ANDROPOGON. *Gen. pl.* 1566.

HERMAPHROD. *Cal. Gluma* 1-flora. *Cor. Gluma* basi vel apice aristata. *Stam.* 3. *Styl.* 2. *Sem.* 1.
MASC. *Cor.* et *Cal.* prioris. *Stam.* 3.

1. A. spica simplici, floribus geminatis: hermaphrodito sessili aristato; masculo pedicellato, valvula calycis exteriore nervosa. *Willden. sp. pl.* 4. *p.* 903. *striatus.*
Nerve-glumed Andropogon.
Nat. of the East Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. August. S. ♃.

2. A. spica simplici, floribus inferioribus muticis, calycibus masculis hermaphroditisque hirtis, aristis longissimis hirsutis. *Willden. sp. pl.* 4. *p.* 904. *Schkuhr handb.* 3. *p.* 509. *t.* 342. *a.* *contortus.*
Twisted Andropogon.
Nat. of the East Indies.
Introd. 1779, by Anthony Chamier, Esq.
Fl. July—September. S. ♃.

3. A. panicula simplici diffusa, ramis apice trifloris, flore intermedio hermaphrodito sessili apice aristato basi barbato; lateralibus masculis pedicellatis muticis. *Willden. sp. pl.* 4. *p.* 905. *Fl. græc.* 1. *p.* 51. *t.* 67. *Gryllus.*
Purple-flower'd Andropogon.
Nat. of the South of Europe.
Introd. 1791, by Professor Allioni.
Fl. June and July. H. ♃.

4. A. spicis imbricatis conjugatis paniculatis bracteatis, floribus ternis: intermedio hermaphrodito aristato: arista glabra; lateralibus pedicellatis masculis muticis, rachi pilosa. *Willden. sp. pl.* 4. *p.* 915. *Schœnanthus.*
Schœnanthum amboinicum. *Rumph. amb.* 5. *p.* 181. *t.* 72. *f.* 2.
Lemon Grass.
Nat. of the East Indies.
Introd. 1786, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♃.

5. A. spicis

distachyos. 5. A. spicis geminatis terminalibus, flosculis geminis aristatis: hermaphrodito sessili; masculo pedicellato, culmo indiviso. *Willden. sp. pl.* 4. *p.* 917. *Fl. græc.* 1. *p.* 53. *t.* 69.
Two spiked Andropogon.
Nat. of the South of Europe.
Introd. 1805, by P. M. A. Broussonet, M. D.
Fl. July and August. H. ♃.

Ischæmum. 6. A. spicis digitatis suboctonis, floribus geminatis basi lanatis: hermaphrodito sessili corolla bivalvi apice aristata; masculo pedicellato corolla univalvi mutica, rachi pilosa. *Willden. sp. pl.* 4. *p.* 921. *Schreb. gram.* 2. *p.* 66. *t.* 33.
Woolly Andropogon.
Nat. of the South of Europe.
Cult. 1768, by Mr. Ph. Miller. *R. S. n.* 2303.
Fl. August. H. ♃.

CHLORIS. *Gen. pl.* 1568.

Flores unilaterales. *Cal.* 2-valvis, 2—6-florus: flore altero sessili hermaphrodito; altero pedicellato masculo.

HERMAPHROD. *Cal.* 0. *Cor.* 2-valvis. *Arista* terminalis. *Stam.* 3. *Styl.* 2. *Sem.* 1.
MASC. *Cal.* 0. *Cor.* 1- s. 2-valvis aristata. *Stam.* 3.

petræa. 1. C. spicis quaternis (5-6-nis) strictis erectis, flosculis imbricatis subglabris muticis, valvula exteriore calycis aristata, culmo compresso. *Willden. sp. pl.* 4. *p.* 924.
Cynosurus paspaloides. *Vahl symb.* 2. *p.* 21. *t.* 27.
Flat-stalk'd Chloris.
Nat. of Jamaica. Mr. *Gilbert Alexander.*
Introd. 1779.
Fl. July and August. S. ♃.

ciliata. 2. C. spicis digitatis subquinis erectiusculis, glumis

corollinis margine ciliatis. *Willden. sp. pl.* 4. *p.* 925.
Ciliated Chloris.
Nat. of Jamaica. Mr. *Gilbert Alexander.*
Introd. 1779.
Fl. July—September. S. ♃.

3. C. spicis plurimis fasciculatis erectiusculis, flosculis subulatis glabris. *Willden. sp. pl.* 4. *p.* 925. *radiata.*
Gramen Dactylon indicum, spicis villosis subrubescentibus. *Moris. hist.* 3. *p.* 185. *s.* 8. *t.* 3. *f.* 15.
Many-spiked Chloris.
Nat. of the West Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Gramen Dactylon 2.
Fl. August and September. S. ⊙.

4. C. spicis plurimis fasciculatis erecto-laxiusculis, glumis corollinis ciliato-barbatis, valvulis masculinis ventricosis aristatis. *Willden. sp. pl.* 4. *p.* 926. *barbata.*
Bearded Chloris.
Nat. of the East Indies.
Introd. 1777, by Daniel Charles Solander, LL.D.
Fl. June and July. S. ⊙.

HOLCUS. *Gen. pl.* 1565.

HERMAPHROD. *Cal. Gluma* 1- s. 2-flora. *Cor. Gluma* sub apice aristata. *Stam.* 3. *Styli* 2. *Sem.* 1.
MASC. *Cal. Gluma* 2-valvis. *Cor.* 0, s. 2-valvis. *Stam.* 3.

1. H. glumis bifloris muticis, calycibus margine ciliatis, floribus geminis setis hispidis involucratis, spica ovato-oblonga. *Willden. sp. pl.* 4. *p.* 928. *Arduino in act. acad. patav.* 1. *p.* 124. *t.* 2. *spicatus.*
Spiked Holcus.

Nat. of the East Indies.
Cult. before 1592, by Mr. James Garret. *Clus. hist* 2. *p.* 215.
Fl. June and July. S. ⊙.

bicolor. 2. H. glumis glabris nigris, seminibus globosis albis aristatis. *Willden. sp. pl.* 4. *p.* 929. *Arduino in act. acad. patav.* 1. *p.* 139. *t.* 6.
Two-colour'd Holcus.
Nat. of Persia.
Cult. 1731, by Mr. Philip Miller. *Mill. dict. ed.* 1. Milium 4.
Fl. July. H. ⊙.

Sorghum. 3. H. glumis pubescentibus, seminibus compressiusculis aristatis, panicula ovata erecta. *Willden. sp. pl.* 4. *p.* 929. *Arduino in act. acad. patav.* 1. *p.* 133. *t.* 4. *f.* 1.
Indian Holcus, or Millet.
Nat. of India.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. July. S. ⊙.

saccharatus. 4. H. glumis pilosis, seminibus omnibus aristatis, panicula erecta diffusa. *Willden. sp. pl.* 4. *p.* 930. *Arduino in act. acad. patav.* 1. *p.* 136. *t.* 4. *f.* 2.
Yellow-seeded Holcus.
Nat. of India.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. July and August. S. ♂.

halepensis. 5. H. spiculis unifloris: hermaphroditis sessilibus aristatis muticisve; masculinis pedicellatis muticis. *Willden. sp. pl.* 4. *p.* 932.
Andropogon halepensis. *Fl. græc.* 1 *p.* 52. *t.* 68.
Panicled Holcus.
Nat. of Syria.
Cult. before 1691, by Mr. Jacob Bobart. *Pluk. phyt. t.* 32. *f.* 1.
Fl. July and August. H. ♃.

6. H. glu-

6. H. glumis bifloris hermaphroditis, flosculo sessili mutico; pedicellato aristato: arista flore longiore. *Willden. sp. pl.* 4. *p.* 933. *Curtis lond. Engl. bot.* 1170. *Fl. dan.* 1059. *Svensk bot.* 198. *mollis.*
Creeping Soft-grass.
Nat. of Britain.
Fl. July and August. H. ♃.

7. H. glumis bifloris, hermaphrodito mutico; masculi arista flore multo breviore recurva. *Willden. sp. pl.* 4. *p.* 933. *Curtis lond. Engl. bot.* 1169. *Svensk bot.* 84. *lanatus.*
Meadow Soft-grass.
Nat. of Britain.
Fl. June and July. H. ♃.

8. H. glumis inæqualibus glabris, flosculo hermaphroditico superiore submutico; masculo aristâ geniculatâ refractâ, radice nodosâ. *Smith fl. brit.* 1. *p.* 90. *Engl. bot.* 813. *avenaceus.*
Avena elatior. *Willden. sp. pl.* 1. *p.* 443. *Curtis lond. Svensk bot.* 48.
Oat-like Soft-grass.
Nat. of Britain.
Fl. June and July. H. ♃.

9. H. panicula patula, glumis trifloris muticis, flosculis confertis: hermaphrodito intermedio diandro apice villoso; masculis triandris margine villoso-ciliatis; dorso sublævibus. *Willden. sp. pl.* 4. *p.* 935. *Fl. dan.* 963. *Svensk bot.* 168. *odoratus.*
Sweet-scented Holcus.
Nat. of Canada, and the North of Europe.
Introd. 1777, by Brook Watson, Esq.
Fl. June and July. H. ♃.

ISCHÆMUM. *Gen. pl.* 1569.

HERMAPHROD. *Cal. Gluma* 2-flora. *Cor.* 2-valvis. *Stam.* 3. *Styli* 2. *Sem.* 1.
MASC. *Cal.* et *Cor.* ut maris. *Stam.* 3.

1. I. fo-

aristatum. 1. I. foliis lanceolatis, flosculis nudis, calycis sessilis valvula exteriore utrinque binodulosa; corollaque arista tortili elongata. *Willden. sp. pl.* 4. *p.* 939.
Bearded Ischæmum.
Nat. of China and the East Indies.
Introd. 1803, by A. B. Lambert, Esq.
Fl. June and July. S. ♃.

rugosum. 2. I. foliis lanceolatis, calycibus neutris intermediis transversim rugosis; binis lateralibus glabris quorum feminea aristata, rachi ciliata. *Willden. sp. pl.* 4. *p.* 940.
Ischæmum rugosum. *Salisb. stirp. rar.* 1. *t.* 1.
Rough annual Ischæmum.
Nat. of the East Indies.
Cult. before 1791, by R. A. Salisbury, Esq.
Fl. July and August. S. ⊙.

ÆGILOPS. *Gen. pl.* 1572.

HERMAPHROD. *Cal. Gluma* subtriflora, cartilaginea. *Cor. Gluma* terminata triplici arista. *Stam.* 3. *Styl.* 2. *Sem.* 1.
MASC. *Cal.* et *Cor. Gluma* hermaphroditi. *Stam.* 3.

ovata. 1. Æ. spica ovata, calycibus omnibus quadriaristatis scabris, culmis adscendentibus. *Willden. sp. pl.* 4. *p.* 942. *Fl. græc.* 1. *p.* 74. *t.* 93.
Oval-spiked Hard-grass.
Nat. of the South of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 10. *n.* 5.
Fl. June and July. H. ⊙.

triuncialis. 2. Æ. spica cylindrica, calycibus inferioribus biaristatis; reliquis triaristatis, aristis florum binorum terminalibus reliquorum duplo longioribus. *Willden. sp. pl.* 4. *p.* 943. *Schreb. gram.* 1. *p.* 80. *t.* 10. *f.* 1.
Long-spiked Hard-grass.

Nat. of the South of Europe and the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Gramen 34.
Fl. July and August. H. ⊙.

3. Æ. spica cylindrica, calycibus uniaristatis: aristis terminalibus longissimis, corollis muticis. *Willden. sp. pl.* 4. *p.* 943. *Host gram. austr.* 2. *p.* 6. *t.* 7 *cylindrica.*
Cylindrical Hard-grass.
Nat. of Hungary.
Introd. 1805, by Mr. Holböel.
Fl. June and July. H. ⊙.

4. Æ. spica cylindrica, calycibus bidentatis muticis, corollis uniaristatis. *Willden. sp. pl.* 4. *p.* 944. *Schreb. gram.* 2. *p.* 44. *t.* 27. *f.* 2. *squarrosa.*
Rough-spiked Hard-grass.
Nat. of the Levant.
Cult. about 1794.
Fl. June and July. H. ⊙.

5. Æ. spica cylindrica, calycibus bidentatis: dentibus inæqualibus, corollis muticis, floris terminalis valvulis calycinis uniaristatis: aristis spica longioribus. *Willden. sp. pl.* 4. *p.* 944. *caudata.*
Ægilops cylindrica. *Fl. græc.* 1. *p.* 79. *t.* 95.
Cretan Hard-grass.
Nat. of the Island of Candia.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* 86. Gram. Loliac. 4.
Fl. June and July. H. ⊙.

MANISURIS. *Gen. pl.* 1570.

Hermaphrod. *Cal.* Gluma 2-valvis, 1-flora: valvula exteriore lateribus apiceque emarginata. *Cor.* calyce minor. *Stam.* 3. *Stylus* 2-fidus.
Masc. ut in Hermaphroditis, sed floribus lateris inferioris ejusdem spicæ magis exstantibus.

1. M. florum femineorum globosorum valvulis calycinis *granularis.*

cinis tessellato-verrucosis, culmo erecto ramoso, vaginis hirsutis. *Willden. sp. pl.* 4. *p.* 945.

Manisuris granularis. *Roxb. corom.* 2. *p.* 11. *t.* 118.

Round-grain'd Manisuris.

Nat. of the East Indies and China.

Introd. 1784, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. June and July. S. ⊙.

VALANTIA. *Gen. pl.* 1575.

HERMAPHROD. *Cal.* 0. *Cor.* 4-partita. *Stam.* 4. *Styl.* 2-fidus. *Sem.* 1.

MASC. *Cal.* 0. *Cor.* 3- s. 4-partita. *Stam.* 3 s. 4. *Pistillum* obsoletum.

muralis. 1. V. foliis quaternis ellipticis reticulatis glabris, floribus masculis trifidis germini hermaphroditici insidentibus. *Willden. sp. pl.* 4. *p.* 947.

Cruciata romana minima muralis. *Column. ecphr.* 298. *t.* 297.

Wall Cross-wort.

Nat. of the South of Europe.

Cult. 1739, by Mr. Ph. Miller. *R. S. n.* 872.

Fl. May—July. H. ⊙.

hispida. 2. V. foliis quaternis obovato-oblongis aveniis scabriusculis, floribus masculis trifidis germini hermaphroditici insidentibus. *Willden. sp. pl.* 4. *p.* 948.

Bristly Cross-wort.

Nat. of the South of Europe.

Cult. 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8.

Fl. May and June. H. ⊙.

filiformis. 3. V. foliis quaternis oblongis ciliato-denticulatis reticulatis glabris, germinibus oblongis paleaceis pedicello longioribus. *Willden. sp. pl.* 4. *p.* 948.

Least Cross-wort.

Nat. of the Canary Islands. Mr. *Fr. Masson.*

Introd. 1780.
Fl. July. S. ⊙.

4. V. foliis quaternis oblongis hispidis ciliatis, pedunculis subbifidis ciliatis, floribus masculis trifidis, germinibus glabris. *Willden. sp. pl.* 4. *p.* 949. *pedemontana.*
Valantia pedemontana. *Waldst. et Kitaib. hung.* 1. *p.* 32. *t.* 33.
Piedmont Cross-wort.
Nat. of Piedmont and Hungary.
Introd. 1799, by Mr. John Hunnemann.
Fl. July. H. ⊙.

5. V. foliis quaternis oblongis, pedunculis bractea ovata deflexa obtectis, caule erecto. *Willden. sp. pl.* 4. *p.* 949. *Cucullaria.*
Cucullaria. *Buxb. cent.* 1. *p.* 13. *t.* 19. *f.* 2.
Hooded Cross-wort.
Nat. of the Levant.
Introd. 1780, by Mons. Thouin.
Fl. May and June. H. ⊙.

6. V. foliis senis lineari-lanceolatis margine hispidis, pedunculis bifloris nudis, floribus masculis trifidis, fructibus tuberculatis. *Willden. sp. pl.* 4. *p.* 950. *Aparine.*
Galium verrucosum. *Engl. bot.* 2173.
Warty-fruited Cross-wort.
Nat. of Britain.
Fl. June—August. H. ⊙.

7. V. floribus masculis quadrifidis, pedunculis dichotomis aphyllis, foliis cordatis. *Willden. sp. pl.* 4. *p.* 950. *articulata.*
Jointed Cross-wort.
Nat. of Egypt and Syria.
Cult. before 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. Cruciata 4.
Fl. July and August. H. ⊙.

8. V. foliis quaternis ellipticis ciliatis, pedunculis *glabra.*

ramosis nudis fructibusque glabris. *Willden. sp. pl.* 4. *p* 952. *Waldst. et Kitaib. hung.* 1. *p.* 31. *t.* 32.
Smooth-Cross-wort.
Nat. of the South of Europe.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Cruciata 2.
Fl. July and August. H. ♃.

PARIETARIA. *Gen. pl.* 1576.

HERMAPHROD. *Cal.* 4-fidus. *Cor.* 0. *Stam.* 4. *Styl.* 1. *Sem.* 1, superum, elongatum.
MASC. *Cal.* 4-fidus. *Cor.* 0. *Stam.* 0. *Styl.* 1. *Sem.* 1, superum, elongatum.

indica. 1. P. foliis lanceolatis, caule erecto. *Willden. sp. pl.* 4. *p.* 952.
Indian Pellitory.
Nat. of the East Indies.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. April and May. S. ♃.

officinalis. 2. P. foliis oblongo-ovatis utrinque acuminatis pellucido-punctatis, pedunculis dichotomis, calycibus diphyllis. *Willden. sp. pl.* 4. *p.* 953. *Curtis lond. Engl. bot.* 879.
Pellitory of the Wall.
Nat. of Britain.
Fl. June—September. H. ♃.

judaica. 3. P. foliis ovatis, caulibus erectis, calycibus trifloris, corollis masculis elongato-cylindricis. *Willden. sp. pl.* 4. *p.* 954. *Schkuhr handb.* 3. *p.* 535. *t.* 346.
Basil-leaved Pellitory.
Nat. of Germany and Switzerland.
Cult. 1728, by Mr. Ph. Miller. *R. S. n.* 337.
Fl. most part of the Summer. H. ♃.

lusitanica. 4. P. foliis subrotundo-ovatis obtusis longitudine

petioli, caulibus filiformibus procumbentibus.
Willden. sp. pl. 4. *p.* 955.
Parietaria sicula, alsines folio. *Boccon. sic.* 47.
t. 24. *fig.* B.
Chick-weed-leaved Pellitory.
Nat. of Spain and Portugal.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 50.
n. 25.
Fl. July and August. H. ⊙.

5. P. foliis lineari-lanceolatis subsessilibus pilosis, *polygonoides.*
involucris flore longioribus. *Willden. sp. pl.* 4.
p. 956.
Parietaria orientalis polygoni folio canescente.
Martyn dec. 8.
Polygonum-leaved Pellitory.
Nat. of Armenia.
Cult. before 1728. *Mart. loc. cit.*
Fl. July and August. H. ⊙.

ATRIPLEX. *Gen. pl.* 1577.

HERMAPHROD. *Cal.* 5-phyllus. *Cor.* 0. *Stam.* 5.
Styl. 2-partitus. *Sem.* 1, depressum.
FEM. *Cal.* 2-phyllus. *Cor.* 0. *Stam.* 0. *Styl.*
2-partitus. *Sem.* 1, compressum.

1. A. caule fruticoso, foliis alternis oppositisve oblongo-subrhombeis integerrimis. *Willden. sp.* *Halimus.*
pl. 4. *p.* 957.
Halimus I. *Clus. hist.* 1. *p.* 53.
Tall shrubby Orache, or Spanish Sea Purslane.
Nat. of Spain and Portugal.
Cult. 1640. *Park. theatr.* 724. *f.* 2.
Fl. July and August. H. ♄.

2. A. caule fruticoso procumbente, foliis integerrimis oppositis oblongis obtusis basi attenuatis. *portulacoides.*
Willden. sp. pl. 4. *p.* 957. *Engl. bot.* 261.
Dwarf shrubby Orache.
Nat. of Britain.
Fl. July—September. H. ♄.

3. A. caule

glauca. 3. A. caule suffruticoso procumbente, foliis ovatis sessilibus integerrimis: inferioribus subdentatis. *Willden. sp. pl.* 4. *p.* 958.
Atriplex maritima hispanica frutescens et procumbens. *Dill. elth.* 46. *t.* 40. *f.* 46.
Glaucous Orache.
Nat. of the South of Europe.
Cult. 1732, by James Sherard, M. D. *Dill. elth. loc. cit.*
Fl. most part of the Summer. G. H. ♄.

albicans. 4. A. caule fruticoso erecto, foliis hastatis integerrimis acutis, spicis terminalibus. *Willden. sp. pl.* 4. *p.* 958.
White Orache.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1774.
Fl. June and July. G. H. ♄.

rosea. 5. A. caule herbaceo divaricato, foliis incanis triangularibus inæqualiter dentatis, calycibus fructus quadrangularibus dentatis. *Willden. sp. pl.* 4. *p.* 960. *Schkuhr handb.* 3. *p.* 537. *t.* 350.
Rose Orache.
Nat. of the South of Europe.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 11.
Fl. June and July. H. ⊙.

sibirica. 6. A caule herbaceo divaricato, foliis rhombeis subdentatis, calycibus fructus muricatis dentatis. *Willden sp. pl.* 4. *p.* 960. *Schkuhr handb.* 3. *p.* 538. *t.* 350.
Siberian Orache.
Nat. of Siberia.
Introd. 1783, by Mons. Thouin.
Fl. July and August. H. ⊙.

tatarica. 7. A. caule herbaceo erecto, foliis oblongis sinuatis basi cuneatis subtus canis, calycibus fructus dentatis. *Willden. sp. pl.* 4. *p.* 961. *Schkuhr handb.* 3. *p.* 539. *t.* 349.
Tartarian Orache.

Nat. of Tartary.
Cult. before 1778.
Fl. July and August. H. ⊙.

8. A. caule erecto herbaceo, foliis triangularibus dentatis concoloribus, calycibus fructus ovatis reticulatis integerrimis. *Willden. sp. pl.* 4. *p.* 961. *hortensis.*
Atriplex hortensis. *Dod. pempt.* 615.
α. Atriplex hortensis alba s. pallide virens. *Bauh. pin.* 119.
White Garden Orache.
β. Atriplex hortensis rubra. *Bauh. pin.* 119.
Red Garden Orache.
Nat. of Tartary.
Cult. 1548. *Turner's names of herbes, sign. Biiij.*
Fl. July and August. H. ⊙.

9. A. caule erecto herbaceo, foliis triangularibus profunde dentatis subtus albidis, calycibus fructus rhombeis trinerviis denticulatis. *Willden. sp. pl.* 4. *p.* 963. *Engl. bot.* 165. *laciniata.*
Frosted Sea Orache.
Nat. of Britain.
Fl. July and August. H. ⊙.

10. A. caule herbaceo patulo, foliis triangulari-hastatis acuminatis subdentatis, calycibus fructus rhombeis apice denticulatis disco submuricatis. *Willden. sp. pl.* 4. *p.* 964. *Engl. bot.* 936. *patula.*
Atriplex hastata. *Curtis lond.*
Spreading halberd-leaved Orache.
Nat. of Britain.
Fl. June—September. H. ⊙.

11. A. caule herbaceo divaricato, foliis inferioribus hastatis subdentatis; superioribus lanceolatis integerrimis, calycibus fructus hastato-lanceolatis integerrimis. *Willden. sp. pl.* 4. *p.* 965. *Engl. bot.* 1774. *angustifolia.*
Spreading narrow-leaved Orache.

Nat. of Britain.
Fl. June—August. H. ☉.

erecta. 12. A. caule herbaceo erecto, foliis ovato-lanceolatis; inferioribus sinuatis, calycibus seminum undique muricatis. *Willden. sp. pl.* 4. *p.* 965. *Engl. bot.* 2223.
Upright spear-leaved Orache.
Nat. of England.
Fl. August. H. ☉.

littoralis. 13. A. caule herbaceo erecto, foliis omnibus linearibus integerrimis dentatisve, calycibus seminum muricatis sinuatis. *Willden. sp. pl.* 4. *p.* 965. *Engl. bot.* 708.
Grass-leaved Sea Orache.
Nat. of Britain.
Fl. August and September. H. ☉.

pedunculata. 14. A. caule herbaceo flexuoso divaricato, foliis obovatis integerrimis, floribus femineis pedunculatis cuneiformibus. *Willden. sp. pl.* 4. *p.* 966. *Engl. bot.* 232.
Pedunculated Sea Orache.
Nat. of England.
Fl. July—September. H. ☉.

RHAGODIA. *Brown prodr.* 408.

Hermaphrod. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 5 v. pauciora. *Acinus* depressus.
Masc. *Cal. Cor.* et *Stam.* Hermaphrod.

hastata 1. R. suffruticosa erecta, ramis diffusis, foliis suboppositis rhombeo-hastatis integris glaberrimis, spicis terminalibus aphyllis. *Brown prodr.* 408.
Halberd-leaved Rhagodia.
Nat. of New South Wales. *Robert Brown,* Esq.
Introd. 1803, by Mr. Peter Good.
Fl. June and July. H. ♄.

TERMI-

TERMINALIA. *Gen. pl.* 1583.

MASC. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 10.
HERMAPHROD. *Flos* masculi. *Styl.* 1. *Drupa* infera, cymbiformis.

1. T. foliis obovatis basi eglandulosis obtusis obsolete denticulatis subtus molliter pubescentibus. *Willden. sp. pl.* 4. *p.* 967. *Jacqu. ic.* 1. *t.* 197. *Catappa.*
Broad-leaved Terminalia.
Nat. of the East Indies.
Introd. 1778, by Messrs. Kennedy and Lee.
Fl. S. ♄.

2. T. foliis obovatis basi eglandulosis obtusis integerrimis utrinque glabris. *Willden. sp. pl.* 4. *p.* 968. *moluccana.*
Molucca Terminalia.
Nat. of the East Indies.
Introd. 1804, by the Right Hon. The Earl of Powis.
Fl. S. ♄.

3. T. foliis obovato-oblongis obtusis integerrimis utrinque glabris, petiolis supra biglandulosis. *Willden. sp. pl.* 4. *p.* 969. *Chebula.*
Terminalia Chebula. *Roxb. corom.* 2. *p.* 52. *t.* 197.
Oval-leaved Terminalia.
Nat. of the East Indies. *William Roxburgh,* M. D.
Introd. 1796, by Mr. Peter Good.
Fl. S. ♄.

4. T. foliis lineari-lanceolatis repandis subtus pubescentibus. *Willden. sp. pl.* 4. *p.* 970. *Jacqu. hort. vindob.* 3. *p.* 51. *t.* 100. *angustifolia.*
Narrow-leaved Terminalia.
Nat. of the East Indies.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt. t.* 207. *f.* 1.
Fl. S. ♄.

BRABEJUM. *Gen. pl.* 1580.

HERMAPH. *Cal. Amenti* squama. *Cor.* 4-partita, superne revoluta. *Stam.* 4. *Pist.* 1. *Stigm.* 2. *Drupa.*

MASC. *Cal. Amenti* squamæ 3-floræ. *Cor.* 4- s. 5-partita. *Stam.* 4 s. 5, fauci inserta. *Styl.* 2-fidus, abortiens.

stellulifolium. 1. BRABEJUM. *Willden. sp. pl.* 4. *p.* 972.
Amygdalus æthiopica, fructu holoserico. *Breyn. cent.* 1. *t.* 1.
African Almond.
Nat. of the Cape of Good Hope.
Cult. before 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Amygdalus 5.
Fl. March and April. G. H. ♄.

FERONIA. *Correa in linn. soc. transact.* 5. *p.* 224.

HERMAPHROD. *Cal.* 5 dentatus. *Cor.* 5-petala. *Stam.* 10. *Styl.* crassus. *Stigm.* 5-lobum. *Pomum* 5-loculare, loculis polyspermis.

MASC. *Cal. Cor.* et *Stam.* Hermaphrod. *Pistilli* rudimentum.

elephantum. 1. FERONIA. *Willden. sp. pl.* 4. *p.* 973. *Roxb. corom.* 2. *p.* 21. *t.* 141.
Indian Elephant-apple.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1804, by the Right Hon. The Earl of Powis.
Fl. S. ♄.

AILANTHUS. *Gen. pl.* 1767.

HERMAPHROD. *Cal.* 5-partitus. *Cor.* 5-petala. *Stam.* 2, 3. *Germ.* 3—5. *Styl.* laterales. *Samaræ* 1-spermæ.

MASC. *Cal.* 5-partitus. *Cor.* 5-petala. *Stam.* 10.

FEM. *Cal.* 5-partitus. *Cor.* 5-petala. *Germ.* 3—5. *Styli* laterales. *Samaræ* 1-spermæ.

glandulosa. 1. A. foliis impari-pinnatis: foliolis basi dentatis:

dentibus glandulosis. *Willden. sp. pl.* 4. *p.* 974. *L'Herit. stirp. nov.* 179. *t.* 84.
Chinese Ailanthus.
Nat. of China.
Introd. about 1751, by Father D'Incarville. *Philosoph. transact. vol.* 49. *p.* 870.
Fl. August. H. ♄.

2. A. foliis abrupte-pinnatis: foliolis serratis. *Willden. sp. pl.* 4. *p.* 974. *excelsa.*
Ailanthus excelsa. *Roxb. corom.* 1. *p.* 24. *t.* 23.
Indian Ailanthus.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

CLUSIA. *Gen. pl.* 1584.

Masc. *Cal.* 4- s. 6-phyllus: foliolis oppositis, imbricatis. *Cor.* 4- s. 6-petala. *Stam.* numerosa.
Fem. *Cal.* et *Cor.* ut in masculis. *Nectarium* ex antheris coalitis, germen includens. *Caps.* 5-locularis, 5-valvis, pulpa farcta.

1. C. foliis obovatis obtusis aveniis, corollis hexapetalis calyce duplo majoribus. *Willden. sp. pl.* 4. *p.* 976. *rosea.*
Cenchramidea arbor saxis adnascens, obrotundo pingui folio, fructu pomiformi. *Catesb. car.* 2. *t.* 99.
Rose-colour'd Balsam Tree.
Nat. of Carolina.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. phyt. t.* 157. *f.* 2.
Fl. July and August. S. ♄.

2. C. foliis obovatis obtusis aveniis, corollis penta- s. heptapetalis calyce sesquimajoribus. *Willden. sp. pl.* 4. *p.* 976. *alba.*
Clusia alba. *Jacq. amer.* 271. *t.* 166.
White-flower'd Balsam Tree.

Nat. of South America.
Cult. before 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 1.
Fl. S. ♄.

flava. 3. C. foliis obovatis obtusis aveniis, corollis tetrapetalis calyce duplo majoribus. *Willden. sp. pl.* 4. *p.* 977. *Andrews's reposit.* 223.
Yellow-flower'd Balsam Tree.
Nat. of Jamaica.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 1.
Fl. September. S. ♄.

venosa. 4. C. foliis obovatis obtusis venosis, floribus tetrapetalis. *Willden. sp. pl.* 4. *p.* 977.
Clusia flore roseo minor, fructu flavescente. *Plum. ic.* 87. *f.* 2.
Vein-leaved Balsam Tree.
Nat. of South America.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 8. *n.* 2.
Fl. S. ♄.

BRIDELIA.

HERMAPHROD. *Cal.* 5-partitus. *Petala* 5, calyci inserta. *Stam.* 5, monadelpha. *Styli* 2-fidi. *Bacca* disperma.
MASC. *Cal.* 5-partitus. *Petala* 5, calyci inserta. *Filam.* columnæ 5-antheriferæ.
FEM. *Cal. et Cor.* maris. *Styli* 2 bifidi. *Bacca* 2-sperma.

scandens. 1. B. fruticosa scandens inermis, foliis oblongo-ovatis integerrimis acutiusculis subtus tomentosis. *Willden. sp. pl.* 4. *p.* 979.
Cluytia scandens. *Roxb. corom.* 2. *p.* 39. *t.* 173.
Climbing Bridelia.
Nat. of the East Indies. *William Roxburgh,* M.D.
Introd. 1804, by Lieut. Colonel Thomas Hardwicke.
Fl. S. ♄.

OPHI-

OPHIOXYLON. *Gen. pl.* 1578.

HERMAPHROD. *Cal.* 5-fidus. *Cor.* 5-fida, infundibuliformis. *Stam.* 5. *Pist.* 1.
MASC. *Cal.* 2-fidus. *Cor.* 5-fida, infundibuliformis, ore Nectario cylindrico. *Stam.* 2.

1. OPHIOXYLON. *Willden. sp. pl.* 4. *p.* 979. *Botan. magaz.* 784. *Jacqu. hort. schœnbr.* 3. *p.* 73. *t.* 389. *serpentinum.*
Scarlet-flowered Ophioxylon.
Nat. of the East Indies.
Cult. 1690, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. May and June. S. ♄.

FUSANUS. (Colpoon. *Berg. cap.* 38.)

HERMAPHROD. *Cal.* 5-fidus. *Cor.* nulla. *Stam.* 4. *Germ.* inferum. *Stigm.* 4. *Drupa.*
HERM. MASC. *Cal. Cor. Stam. Pist.* prioris. *Fructus* abortiens.

1. FUSANUS. *Linn. syst. nat. edit.* 13. *p.* 765. *compressus.*
Thesium Colpoon. *Willden. sp. pl.* 1. *p.* 1216.
Colpoon compressum. *Berg. cap.* 38. *t.* 1. *f.* 1.
Flat-stalk'd Fusanus.
Nat. of the Cape of Good Hope.
Introd. 1776, by Mr. Francis Masson.
Fl. G. H. ♄.

ACER. *Gen. pl.* 1590.

HERMAPHROD. *Cal.* 5-fidus. *Cor.* 5-petala. *Stam.* 8. *Pist.* 1. *Samara* 2 s. 3, 1-spermæ, ala terminatæ.
MASC. *Cal.* 5-fidus. *Cor.* 5-petala. *Stam.* 8.

1. A. foliis sempervirentibus ovatis integris trilobisque obsolete serratis glabris. *Willden. sp. pl.* 4. *p.* 983. *arb.* 10. *t.* 1. *f.* 1. *heterophyllum.*
Evergreen Maple.
Nat. of the Levant.

Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 11.
Fl. May and June. - H. ♄.

tataricum. 2. A. foliis cordatis subincisis inæqualiter serratis, corymbis erectis. *Willden. sp. pl.* 4. *p.* 983. *Schmidt arb.* 1. *p.* 12. *t.* 9.
Tartarian Maple.
Nat. of Tartary.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 12.
Fl. May and June. - H. ♄.

Pseudo-Platanus. 3. A. foliis quinquelobis inæqualiter dentatis subtus glaucescentibus glabriusculis, racemis pendulis. *Willden. sp. pl.* 4. *p.* 983. *Engl. bot.* 303. *Schmidt arb.* 1. *p.* 8. *t.* 1, 2.
Greater Maple. Sycamore.
Nat. of Britain.
Fl. April and May. H. ♄.

rubrum. 4. A. foliis subquinquelobis acutis serratis subtus glaucescentibus, floribus umbellatis erectis, germinibus glabris. *Willden. sp. pl.* 4. *p.* 984. *Trew ehret* 47. *t.* 85. *Schmidt arb.* 1. *p.* 10. *t.* 6, 7. *Desfont. in annales du museum,* 7. *p.* 413. *t.* 25. *f.* 2. *Michaux arb. for.* 2. *p.* 210. *t.* 14.
Scarlet-flower'd Maple.
Nat. of North America.
Cult. 1656, by Mr. John Tradescant Jun. *Mus. Trad.* 74.
Fl. April and May. H. ♄.

dasycarpum. 5. A. foliis palmato-quinquelobis acuminatis serratis subtus pubescentibus albo-glaucis, floribus capitato-umbellatis, germinibus tomentosis. *Willden. sp. pl.* 4. *p.* 985.
Acer eriocarpum. *Desfont. in annales du museum,* 7. *p.* 412. *t.* 25. *f.* 1. *Michaux arb. for.* 2. *p.* 205. *t.* 13.

Acer virginianum folio majore subtus argenteo, supra viridi splendente. *Mill. ic.* 1. *p.* 6. *t.* 8. *f.* 2.
Sir Charles Wager's Maple.
Nat. of North America.
Introd. 1725, by Sir Charles Wager. *Mill. loc. cit.*
Fl. April and May. H. ♄.

6. A. foliis quinquelobis acuminatis subdentatis subtus pubescentibus, corymbo laxo subnutante, pedunculis pilosis. *Willden. sp. pl.* 4. *p.* 985. *Schmidt arb.* 1. *p.* 12. *t.* 8. *Michaux arb. for.* 2. *p.* 218. *t.* 15. *saccharinum.*
Sugar Maple.
Nat. of Pensylvania.
Introd. 1735, by Peter Collinson, Esq.
Fl. May. H. ♄.

7. A. foliis quinquelobis utrinque glabris: lobis dentibusque acuminatis, corymbis erectis, pedunculis glabris. *Willden. sp. pl.* 4. *p.* 986. *Trew ehret* 50. *t.* 91. *Schmidt arb.* 1. *p.* 9. *t.* 3, 4. *Svensk bot.* 86. *Platanoïdes.*
α. foliis lobatis. lobatum.
Norway Maple.
β. foliis laciniatis. laciniatum.
Acer laciniatum. *Schmidt arb.* 1. *p.* 10. *t.* 5.
Cut-leaved Maple.
Nat. of Europe.
Cult. 1683, by Mr. James Sutherland. *Sutherl. hort. edin.* 5. *n.* 5.
Fl. May—July. H. ♄.

8. A. foliis subquinquelobis acutis serratis subtus pubescentibus, racemis compositis erectis. *Willden. sp. pl.* 4. *p.* 988. *Schmidt arb.* 1. *p.* 13. *t.* 11. *montanum.*
Acer striatum. *Du Roi harbk.* 1. *p.* 8. *t.* 1.
Mountain Maple.
Nat. of North America.

Cult. 1750, by Archibald Duke of Argyle.
Fl. April and May. H. ♄.

campestre. 9. A. foliis quinquelobis integerrimis: lobis obtusis: majoribus obsolete subsinuatis, corymbis erectis. *Willden. sp. pl.* 4. *p.* 989. *Engl. bot.* 304. *Schmidt arb.* 1. *p.* 15. *t.* 13.
Common Maple.
Nat. of Britain.
Fl. May and June. H. ♄.

Opalus. 10. A. foliis subrotundis levissime quinquelobis obtusis obtuse serratis, corymbis laxis erectis. *Willden. sp. pl.* 4. *p.* 990.
Italian Maple.
Nat. of Italy and Switzerland.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 9.
Fl. May and June. H. ♄.

monspessulanum. 11. A. foliis annuis trilobis integerrimis: lobis æqualibus: junioribus angulato-dentatis, corymbis paucifloris erectis. *Willden. sp. pl.* 4. *p.* 991. *Schmidt arb.* 1. *p.* 15. *t.* 14.
Montpelier Maple.
Nat. of the South of France.
Cult. 1739, by Mr. Ph. Miller. *Rand chels. n.* 6.
Fl. May. H. ♄.

creticum. 12. A. foliis perennantibus cuneatis trilobis integerrimis: lobis lateralibus brevioribus, corymbis paucifloris erectis. *Willden. sp. pl.* 4. *p.* 991. *Schmidt arb.* 1. *p.* 16. *t.* 15.
Cretan Maple.
Nat. of the Levant.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. *n.* 11 & 12.
Fl. May and June. H. ♄.

Negundo. 13. A. foliis pinnatis ternatisve inæqualiter serratis, floribus dioicis. *Willden. sp. pl.* 4. *p.* 992. *Schmidt arb.* 1. *p.* 14. *t.* 12.

Ash-leaved Maple.
Nat. of North America.
Cult. 1688, by Bishop Compton. *Raj. hist.* 2. *p.* 1798. *n.* 7. conf. *Pluk. alm.* 7.
Fl. April. H. ♄.

CELTIS. *Gen. pl.* 1591.

Hermaphrod. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 5. *Styl.* 2. *Drupa* 1-sperma.
Masc. *Cal.* 6-partitus. *Cor.* 0. *Stam.* 6.

1. C. foliis oblongo-lanceolatis acuminatis argute serratis: supra scabris; subtus pubescenti-mollibus; basi inæqualibus. *Willden. sp. pl.* 4. *p.* 993. *australis.*
Lotus s. Celtis. *Camer. epit.* 155.
European Nettle Tree.
Nat. of the South of Europe.
Cult. 1796, by Mr. John Gerard. *Hort. Ger.*
Fl. May. H. ♄.

2. C. foliis ovatis acutis serratis basi inæqualibus supra scabriusculis: junioribus subcordatis. *Willden. sp. pl.* 4. *p.* 994. *Tournefortii.*
Celtis orientalis minor foliis minoribus et crassioribus fructu flavo. *Tournef. itin.* 2. *p.* 425. *t.* 41.
Oriental Nettle Tree.
Nat. of the Levant.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. *n.* 5.
Fl. H. ♄.

3. C. foliis ovatis acuminatis serratis basi inæqualibus: supra scabris; subtus hirtis. *Willden. sp. pl.* 4. *p.* 994. *occidentalis.*
Celtis fructu obscure purpurascente. *Mill. ic.* 1. *p.* 59. *t.* 88.
American Nettle Tree.
Nat. of North America.

Cult. 1656, by Mr. John Tradescant Jun. *Mus. Tradesc.* 135.
Fl. April and May. H. ♄.

micrantha. 4. C. foliis ovato-oblongis acuminatis serrulatis basi inæqualiter subcordatis: supra scabris; subtus hirtis. *Willden. sp. pl.* 4. *p.* 996.
Muntingia folio corni, fructu minori. *Plum. ic. t.* 206. *f.* 1.
Smooth Jamaica Nettle Tree.
Nat. of Jamaica.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Muntingia 3.
Fl. August and September. S. ♄.

aculeata. 5. C. foliis ovato-oblongis acuminatis glabris: basi æqualibus cordatis integerrimis; apice obsolete serratis, ramis aculeatis. *Willden. sp. pl.* 4. *p.* 998.
Thorny Jamaica Nettle Tree.
Nat. of Jamaica.
Introd. 1791, by Edward Elcock, Esq.
Fl. S. ♄.

GOUANIA. *Gen. pl.* 1592.

Hermaphrod. *Cal.* 5-fidus. *Cor.* 0. *Antheræ* 5, sub calyptra tectæ. *Styl.* 3-fidus. *Fructus* inferus, tripartibilis.
Masc. similis, absque germine stigmateque.

domingensis. 1. G. foliis ovatis acuminatis obtuse serratis glabris. *Willden. sp. pl.* 4. *p.* 999.
Lupulus sylvestris americana claviculis donata. *Pluk. alm.* 229. *t.* 201. *f.* 4. *et t.* 162. *f.* 3.
Chaw-Stick.
Nat. of the West Indies.
Cult. before 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Addenda, Lupulus.
Fl. S. ♄.

tiliæfolia. 2. G. foliis cordato-ovatis glandulose serratis scabriusculis, racemis terminalibus pubescentibus. *Will-*

Willden. sp. pl. 4. *p.* 1000. *Roxb. corom.* 1. *p.* 67. *t.* 98.
Lime-tree leaved Gouania.
Nat. of the East Indies, and Bourbon.
Introd. 1810, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

HERMAS. *Gen. pl.* 1594.

Hermaphrod. *Umbella* terminalis: *Involucro* universali partialibusque. *Umbellulæ* radiis truncatis: centrali florifero. *Petala* 5. *Stam.* 5, sterilia. *Sem.* bina, cordato-orbiculata marginata utrinque compressa.
Masc. *Umbellæ* laterales involucro universali partialibusque. *Umbellulæ* multifloræ. *Petala* 5. *Stam.* 5, fertilia.

1. H. caule tomentoso, foliis oblongis sessilibus dentatis subtus tomentosis. *Willden. sp. pl.* 4. *p.* 1002. *depauperata.*
Perfoliata foliis oblongis sinuosis subtus incanis. *Burm. afr.* 196. *t.* 71. *f.* 2.
Hairy Hermas.
Nat. of the Cape of Good Hope.
Introd. 1795, by Mr. Francis Masson.
Fl. June and July. G. H. ♃.

2. H. foliis lanceolato-ovatis supra lanuginosis subtus tomentosis integris. *Willden. sp. pl.* 4. *p.* 1002. *gigantea.*
Hermas gigantea. *Thunb. in nov. act. petrop.* 14. *p.* 529. *t.* 11.
Gigantic Hermas.
Nat. of the Cape of Good Hope. Mr. *Fr. Masson.*
Introd. 1794.
Fl. June and July. G. H. ♃.

INGA.

Hermaphrod. *Cal.* 5-dentatus. *Cor.* tubulosa 5-dentata. *Stam.* numerosa monadelpha. *Le-*

gumen 1-loculare, seminibus pulpa vel arilla involutis.

Masc. *Cal.* 5-dentatus. *Cor.* tubulosa 5-dentata. *Stam.* numerosa monadelpha.

dulcis. 1. I. spinis stipularibus brevissimis rectis, foliis bigeminis: foliolis subdimidiato-oblongis obtusis subretuso-mucronatis; glandula in dichotomia petioli hirti et inter foliola, panicula simplici elongata terminali, floribus capitatis, legumine torto. *Willden. sp. pl.* 4. *p.* 1005.

Mimosa dulcis. *Roxb. corom.* 1. *p.* 67. *t.* 99.

Sweet Inga, or Sappan Fruit.

Nat. of the East Indies.

Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. . . . . . S. ♄.

UnguisCati. 2. I. spinis stipularibus rectis, foliis bigeminis: foliolis subrotundo-ellipticis subdimidiatis emarginatis; glandula in dichotomia petioli glabri et inter foliola, floribus capitatis, racemo terminali, legumine torto. *Willden. sp. pl.* 4. *p.* 1006.

Mimosa Unguis Cati. *Jacqu. hort. schœnbr.* 3. *p.* 74. *t.* 392.

Four-leaved Inga.

Nat. of the West Indies.

Introd. 1690, by the Earl of Portland. *Br. mus. Sloan. mss.* 3370. *part* 1. *n.* 9.

Fl. S. ♄.

vera. 3. I. inermis, foliis pinnatis subquinquejugis: foliolis ovato-oblongis acuminatis glabris; glandula inter omnia paria, petiolo alato, corollis villosis, leguminibus sulcatis pubescentibus. *Willden. sp. pl.* 4. *p.* 1010.

Arbor siliquosa Brasiliensis, foliis pinnatis, costa media membranulis utrinque extantibus alata. *Sloan. jam.* 2. *p.* 58. *t.* 183. *f.* 1.

Common Inga Tree.

Nat. of the West Indies.

Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2.
Fl. July and August. S. ♄.

4. I. inermis, foliis trijugis: foliolis oblongis acuminatis æqualibus glabris; glandula inter omnia paria, petiolo alato, spicis ovatis. *Willden. sp. pl.* 4. *p.* 1013. *alba.*
White Inga.
Nat. of the East Indies and Cayenne.
Introd. 1804, by Captain Graham.
Fl. S. ♄.

5. I. inermis, foliis pinnatis bijugis: foliolis oblongo-lanceolatis acuminatis glabris; glandula inter omnia paria, petiolo apice marginato, spicis axillaribus subquaternis, corollis glabris. *Willden. sp. pl.* 4. *p.* 1015. *marginata.*
Arbor siliquifera, faginis foliis, americana, floribus comosis. *Pluk. alm.* 44. *t.* 141. *f.* 2.
Beech-leaved Inga. Spanish Oak.
Nat. of the West Indies.
Cult. 1752, by Mr. Ph. Miller. *Mill. dict. ed.* 6. Acacia.
Fl. S. ♄.

6. I. inermis, foliis pinnatis bijugis: foliolis ovato-oblongis inæquilateris glabris; glandula inter infima minora, petiolo lineari. *Willden. sp. pl.* 4. *p.* 1016. *nodosa.*
Phaseolus arboreus tetraphyllos zeylanicus. *Pluk. alm.* 294. *t.* 211. *f.* 5.
Knob'd Inga.
Nat. of Ceylon and Cochinchina.
Introd. 1690, by the Earl of Portland. *Br. mus. Sloan. mss.* 3370.
Fl. S. ♄.

7. I. inermis, foliis conjugato-pinnatis: pinnis partialibus pentaphyllis: foliolis ovato-oblongis: terminalibus oppositis; lateralibus alternis, floribus umbellatis lateralibus. *Willden. sp. pl.* 4. *p.* 1020. *latifolia.*

Acacia non spinosa, juglandis folio, flore purpurascente. *Plum. ic. t.* 9.
Broad-leaved Inga.
Nat. of the West Indies.
Cult. before 1768, by Mr. Ph. Miller. *Mill. dict. ed.* 8. Mimosa 22.
Fl. March and April. S. ♄.

purpurea. 8. I. inermis, foliis conjugato-pinnatis: pinnis quadrijugis: foliolis oblongis obtusis basi inæqualibus, petiolis eglandulosis, capitulis pedunculatis. *Willden. sp. pl.* 4. *p.* 1021.
Mimosa purpurea. *Andrews's reposit.* 372.
Purple Inga, or Soldier-wood.
Nat. of the West Indies.
Introd. before 1733, by William Houstoun, M.D. *Mill. dict. ed.* 6. Acacia 8.
Fl. March and April. S. ♄.

circinalis. 9. I. spinis stipularibus, foliis conjugato-pinnatis: pinnis trijugis: foliolis ovatis acutis glabris, capitulis pedunculatis terminalibus, leguminibus spiraliter tortis. *Willden. sp. pl.* 4. *p.* 1023.
Acacia foliis amplioribus, siliquis circinatis. *Plum. ic. t.* 5.
Spiral-podded Inga.
Nat. of the West Indies.
Introd. 1726, by Mr. Mark Catesby. *Mill. dict. ed.* 8. Mimosa 23.
Fl. S. ♄.

MIMOSA. *Gen. pl.* 1595.

Hermaphrod. *Cal.* 5-dentatus. *Cor.* 0. s. 5-dentata. *Stam.* 8. *Pist.* 1. *Lomentum* in articulos monospermos secedens.
Masc. *Cal.* 5-dentatus. *Cor.* 0. s. 5-dentata. *Stam.* 8.

viva. 1. M. inermis herbacea, foliis conjugato-pinnatis: pinnis quadrijugis: foliolis subrotundis, lomento uniarticulato. *Willden. sp. pl.* 4. *p.* 1028.

Mimosa herbacea, non spinosa, minima repens. *Sloan. jam. 2. p. 58. t. 182. f. 7.*
Lively Mimosa, or Sensitive Grass.
Nat. of Jamaica.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol. 2. n. 6.*
Fl. July—September. S. ♃.

2. M. caule petiolisque aculeatis, foliis conjugato-pinnatis: pinnis quadrijugis: foliolis oblongis inæquilateris subæqualibus. *Willden. sp. pl. 4. p.* 1029. *casta.*
Æschynomene spinosa latifolia, sive Herba viva, vel Mimosa latifolia pilosa et subrotundo folio. *Commel. hort.* 1. *p.* 55. *t.* 28.
Chaste Mimosa.
Nat. of the East Indies.
Cult. 1741, by Mr. Ph. Miller. *R. S. n.* 981.
Fl. July. S. ♄.

3. M. caule petiolisque aculeatis, foliis conjugato-pinnatis: foliolis subdimidiato-ovatis acutis subtus pilosis: intimis minimis. *Willden. sp. pl.* 4. *p.* 1030. *Trew ehret* 54. *t.* 95. *sensit*
Sensitive Plant.
Nat. of Brazil.
Cult. 1648, in Oxford garden. *Hort. oxon. ed.* 1. *p.* 25. *n.* 15.
Fl. most part of the Summer. S. ♂.

4. M. aculeata, foliis subdigitato-pinnatis: pinnis quaternis multijugis, caule petiolis pedunculisque piloso-hispidis. *Willden. sp. pl.* 4. *p.* 1031. *Andrews's reposit.* 544. *pudica.*
Humble Plant.
Nat. of Brazil.
Cult. 1638, by Sir John Davers. *Park. theatr.* 1617. *n.* 2.
Fl. most part of the Summer. S. ⊙.

5. M. aculeata, foliis bipinnatis: pinnis 6—8-jugis: pinnulis multijugis, aculeis oppositis rectis inter *pigra.*
singula

singula paria pinnarum; spina solitaria recta ad basin singuli paris.
Mimosa pigra. *Linn. sp. pl.* 1507.
Mimosa asperata β. *Willden. sp. pl.* 4. *p.* 1035.
Mimosa caule fruticoso, foliis bipinnatis aculeatis, aculeis geminis, siliquis radiatis hirsutis. *Mill. ic.* 2. *p.* 121. *t.* 182. *f.* 3.
Straight-spined Mimosa.
Nat. of Vera Cruz.
Introd. before 1733, by William Houstoun, M.D. *Mill. ic. loc. citat.*
Fl. June and July. S. ♄.

rubicaulis. 6. M. aculeata, foliis bipinnatis: partialibus quinquejugis: propriis subduodecimjugis, panicula terminali. *Willden. sp. pl.* 4. *p.* 1038.
Mimosa octandra. *Roxb. corom.* 2. *p.* 55. *t.* 200.
Bramble stalk'd Mimosa.
Nat. of the East Indies.
Introd. 1799. by Mr. Thomas Gibbs.
Fl. June and July. S. ♄.

concinna. 7. M. aculeata, foliis bipinnatis: partialibus sexjugis: propriis multijugis cultratis, glandula petiolari depressa, panicula terminali. *Willden. sp. pl.* 4. *p.* 1039.
Neat Mimosa.
Nat. of the East Indies.
Introd. 1791, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

SCHRANKIA.

Hermaphrod. *Cal.* 5-dentatus. *Cor.* 5-fida. *Stam.* 8—10. *Pist.* 1. *Legumen* 4-valve.
Masc. *Cal.* 5-dentatus. *Cor.* 5-fida. *Stam.* 8—10.

aculeata. 1. S. aculeata, foliis pinnatis: partialibus trijugis: propriis multijugis, leguminibus acutis, caule tetragono. *Willden. sp. pl.* 4. *p.* 1041.
Mimosa aculeata, foliis bipinnatis, caule quadrangulo,

gulo, aculeis recurvis, leguminibus quadrivalvibus. *Mill. ic.* 2. *p.* 121. *t.* 182. *f.* 1.
Vera Cruz Schrankia.
Nat. of Vera Cruz.
Introd. before 1733, by William Houstoun, M. D. *Mill. loc. cit.*
Fl. July and August. S. ♃.

2. S. aculeata, foliis bipinnatis: partialibus sexjugis: propriis multijugis, leguminibus acuminatis, caule pentagono. *Willden. sp. pl.* 4. *p.* 1043. *uncinata.*
Mimosa horridula. *Venten. choix* 28.
Hook'd Schrankia.
Nat. of North America.
Introd. 1789, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. G. H. ♃.

DESMANTHUS.

HERMAPHROD. *Cal.* 5-dentatus. *Cor.* 5-petala s. 5-partita. *Stam.* 10. *Pist.* 1. *Legum.* 2-valve.
NEUT. *Cal.* 5-dentatus. *Cor.* 0. vel 5-petala vel 5-partita. *Stam.* 10 sterilia lanceolato-dilatata.

1. D. inermis, foliis bipinnatis: partialibus trijugis: propriis tredecimjugis, spicis oblongis interruptis, pedunculo nudo, caule tereti radicante. *Willden. sp. pl.* 4. *p.* 1044. *Andrews's reposit.* 629. *natans.*
Mimosa natans. *Roxb. corom.* 2. *p.* 11. *t.* 119.
Floating Desmanthus, or Aquatic Sensitive.
Nat. of the East Indies and China. William Roxburgh, M. D.
Introd. 1800, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July—September. S. ⊙.

2. D. inermis, foliis bipinnatis: partialibus tri-quadrijugisve: propriis duodecimjugis, spicis ovatis, pedunculo bracteato, caule prostrato compresso. *Willden. sp. pl.* 4. *p.* 1045. *plenus.*

Mimosa inermis, foliis bipinnatis, spicarum floribus pentandris : inferioribus plenis. *Mill. ic.* 2. *p.* 122. *t.* 182. *f.* 2.
Double yellow-flower'd Desmanthus.
Nat. of Vera Cruz.
Introd. before 1733, by William Houstoun, M. D. *Mill. loc. cit.*
Fl. July—September. S. ⊙.

diffusus. 3. D. inermis, foliis bipinnatis : partialibus quadri-quinquejugisve : propriis duodecimjugis, spicis paucifloris capitatis pentandris, leguminibus linearibus, caule prostrato. *Willden. sp. pl.* 4. *p.* 1046.
Mimosa americana pigra, siliquis longis angustis allium olentibus. *Pluk. alm.* 252. *t.* 307. *f.* 3.
Prostrate Desmanthus.
Nat. of the West Indies.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Mimosa 5.
Fl. July and August. S. ♄.

virgatus. 4. D. inermis, foliis bipinnatis : partialibus quadrijugis : propriis duodecimjugis, spicis paucifloris capitatis decandris, leguminibus linearibus, caule erecto angulato. *Willden. sp. pl.* 4. *p.* 1047.
Mimosa virgata. *Jacqu. hort. vindob.* 1. *p.* 34. *t.* 80.
Long-twig'd Desmanthus.
Nat. of the West Indies.
Introd. 1774, by Nicholas Joseph de Jacquin, M. D.
Fl. July and August. S. ♄.

punctatus. 5. D. inermis, foliis bipinnatis : partialibus quadri-quinquejugisve : propriis multijugis, spicis ovatis, pedunculo basi bracteato, legumine oblongo obtuso. *Willden. sp. pl.* 4. *p.* 1047.
Æschynomene mitis prima. *Commel. hort.* 1. *p.* 61. *t.* 31.
Spotted-stalk'd Desmanthus.
Nat. of Jamaica.

Cult. before 1686. *Raj. hist.* 1. *p.* 980. *n.* 6.
Fl. July and August. S. ♂.

6. D. spinis solitariis, foliis bipinnatis: partialibus subnovemjugis: propriis multijugis, spicis cylindraceis basi attenuatis cernuis, leguminibus linearibus falcatis. *Willden. sp. pl.* 4. *p.* 1048. *cinereus.*
Mimosa cinerea. *Roxb. corom.* 2. *p.* 39. *t.* 174.
Ash-colour'd Desmanthus.
Nat. of the East Indies.
Cult. 1739, by Mr. Ph. Miller. *Rand chels.* Acacia 18.
Fl. June and July. S. ♄.

ACACIA.

Hermaphrod. *Cal.* 5-dentatus. *Cor.* 5-fida vel 5-petala. *Stam.* 4—100. *Pist.* 1. *Legumen* 2-valve.

Masc. *Cal.* 5-dentatus. *Cor.* 5-fida s. 5-petala. *Stam.* 4—100.

* *Foliis simplicibus.*

1. A. inermis, foliis lineari-subulatis mucronatis rigidis pungentibus verticillatis, spicis cylindraceis solitariis. *Willden. sp. pl.* 4. *p.* 1049. *verticillata.*
Mimosa verticillata. *Curtis magaz.* 110. *Venten. malmais.* 63.
Whorl-leaved Acacia.
Nat. of Van Diemen's Island. Mr. *David Nelson.*
Introd. 1780, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. March—May. G. H. ♄.

2. A. inermis, foliis lineari-subulatis mucronatis rigidis pungentibus alternis confertis, spicis globosis solitariis. *Willden. sp. pl.* 4. *p.* 1049. *juniperina.*
Mimosa juniperina, *Venten. malmais.* 64.
Juniper-leaved Acacia.
Nat. of New South Wales.
Introd. about 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. all the Spring. G. H. ♄.

3. A. fo-

acicularis. 3. A. foliis tereti-subulatis mucronatis sparsis rigidis, stipulis deciduis, ramulis glabris, spicis globosis solitariis. *Brown mss.*
Needle-leaved Acacia.
Nat. of New South Wales. Colonel *William Paterson.*
Introd. 1796.
Fl. Spring and Summer. G. H. ♄.

sulcata. 4. A. foliis filiformibus undique sulcatis: mucronulo innocuo, capitulis subgeminis; bracteis basis pedunculi ovatis concavis persistentibus, leguminibus flexuosis. *Brown mss.*
Furrow'd-needle-leaved Acacia.
Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. May—August. G. H. ♄.

suaveolens. 5. A. inermis, foliis linearibus basi attenuatis mucronatis, spicis globosis pedunculatis racemosis, ramis triquetris. *Willden. sp. pl.* 4. *p.* 1050.
Mimosa angustifolia. *Jacqu. hort. schœnbr.* 3. *p.* 74. *t.* 391.
Mimosa obliqua. *Lamarck in journal d'hist. nat.* 1. *p.* 89. *t.* 5.
Sweet-scented Acacia.
Nat. of New South Wales.
Cult. before 1790, by Mr. Thomas Hoy.
Fl. February—June. G. H. ♄.

floribunda. 6. A. inermis, foliis linearibus utrinque attenuatis mucronatis arcuatis striatis, floribus interrupte spicatis, ramis teretibus. *Willden. sp. pl.* 4. *p.* 1051.
Mimosa floribunda. *Venten. choix* 13.
Many-flower'd Acacia.
Nat. of New South Wales.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May and June. G. H. ♄.

7. A. in-

7. A. inermis, foliis linearibus basi attenuatis strictis mucronatis, spicis globosis pedunculatis racemosis, racemis folia subæquantibus. *Willden. sp. pl.* 4. *p.* 1051. *linifolia.*
Mimosa linifolia. *Andrews's reposit.* 394.
Flax-leaved Acacia.
Nat. of New South Wales.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May and June. G. H. ♄.

8. A. inermis, foliis lineari-lanceolatis basi attenuatis obtusis, spicis globosis axillaribus pedunculatis geminatis. *Willden. sp. pl.* 4. *p.* 1052. *stricta.*
Mimosa stricta. *Andrews's reposit.* 53. *Botan. magaz.* 1121.
Double-headed Acacia.
Nat. of New South Wales. Colonel *William Paterson.*
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. February—May. G. H. ♄.

9. A. inermis, foliis lineari-lanceolatis utrinque angustatis trinerviis striatis, spicis axillaribus geminatis cylindraceis. *Willden. sp. pl.* 4. *p.* 1052. *longifolia.*
Mimosa longifolia. *Andrews's reposit.* 207. *Venten. malmais.* 62.
Long-leaved Acacia.
Nat. of New South Wales.
Introd. 1792, by John Ord, Esq.
Fl. March—May. G. H. ♄.

10. A. inermis, foliis oblongis falcatis basi attenuatis acutis venosis, ramis ancipitibus. *Willden. sp. pl.* 4. *p.* 1053. *falcata.*
Sickle-leaved Acacia.
Nat. of New South Wales.
Introd. about 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May and June. G. H. ♄.

laurifolia. 11. A. inermis, foliis ovatis acutis multinerviis, spicis globosis pedunculatis, leguminibus falcatis. *Willden. sp. pl.* 4. *p.* 1053.
Laurel-leaved Acacia.
Nat. of the Island of Tanna.
Introd. 1775, by John Reinhold Forster, LL. D.
Fl. S. ♄.

melanoxylon. 12. A. foliis lanceolato-oblongis nervosis subfalcatis, capitulis subracemosis, ramulis ultimis pedunculisque angulatis: furfure tenuissimo tectis, funiculo umbilicali colorato plicato semen subcingente. *Brown mss.*
Black-wooded Acacia.
Nat. of Van Diemen's Island. *Robert Brown*, Esq.
Introd. about 1808, by John Walker, Esq.
Fl. April—June. G. H. ♄.

Sophoræ. 13. A. foliis oblongis æquilateris nervosis, spicis geminis sessilibus, corollis tetrapetalis, leguminibus torosis, funiculo umbilicali plicato. *Brown mss.*
Mimosa Sophoræ. *Labillard. nov. holl.* 2. *p.* 87. *t.* 237.
Sophora-podded Acacia.
Nat. of Van Diemen's Island.
Introd. 1805, by Robert Brown, Esq.
Fl. G. H. ♄.

marginata. 14. A. foliis elongato-lanceolatis subfalcatis marginatis uninerviis: margine antico parum exciso uniglanduloso, capitulis racemosis sub-4-floris. *Brown mss.*
Marginate-leaved Acacia.
Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. April—June. G. H. ♄.

myrtifolia. 15. A. inermis, foliis oblongis acuminatis venosis, spicis globosis pedunculatis racemosis. *Willden. sp. pl.* 4. *p.* 1054.

Mimosa myrtifolia. *Smith new holl.* 51. *t.* 15.
Curtis magaz. 302.
Myrtle-leaved Acacia.
Nat. of New South Wales.
Introd. about 1789, by Mr. Thomas Hoy.
Fl. February—May. G. H. ♄.

16. A. inermis, foliis sessilibus oblongis cuspidatis denticulatis scabris, spicis globosis solitariis axillaribus. *Willden. sp. pl.* 4. *p.* 1054. *hispidula.*
Mimosa hispidula. *Smith new holl.* 53. *t.* 16.
Little harsh Acacia.
Nat. of New South Wales.
Introd. 1794, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. April and May. G. H. ♄.

17. A. foliis triangularibus passimque trapezoideis: angulo exteriore spinoso; interiore glandulifero, stipulis setaceis caducis, ramulis glabris, capitulis solitariis 7—10-floris. *Brown mss.* *decipiens.*
Mimosa decipiens. *König in annals of bot.* 1. *p.* 366. *t.* 8.
Adiantum truncatum. *Linn. syst. veg. ed.* 13. *p.* 790.
Paradoxical Acacia.
Nat. of the South-west coast of New Holland. *Archibald Menzies*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. March—June. G. H. ♄.

18. A foliis triangularibus: angulo exteriore spinoso; interiore glandulifero, stipulis setaceo spinosis persistentibus, ramulis pubescentibus, capitulis bifloris. *Brown mss.* *biflora.*
Two-flower'd Acacia.
Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. March—June. G. H. ♄.

19. A. foliis dimidiato-oblongis glabris mucronulatis uninerviis: nervo parallele approximato margini *armata.*

gini interiori subtruncato, stipulis spinosis, capitulis globosis solitariis, ramis hirsutis. *Brown mss.*

Simple-leaved prickly Acacia.

Nat. of the South coast of New Holland. *Robert Brown*, Esq.

Introd. 1803, by Mr. Peter Good.

Fl. April—June. G. H. ♄.

alata. 20. A. caule bifariam alato, foliis decurrentibus uninerviis spinula terminatis: margine interiore dente unico glandulifero, stipulis spinosis, capitulis pedunculatis subsolitariis. *Brown mss.*

Wing-stalk'd Acacia.

Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.

Introd. 1803, by Mr. Peter Good.

Fl. April—July. G. H. ♄.

** *Foliis conjugato-pinnatis.*

scandens. 21. A. inermis, foliis conjugato-pinnatis cirrho terminatis: pinnis quadrijugis, spicis filiformibus, corollis pentapetalis, caule scandente. *Willden. sp. pl.* 4. *p.* 1057.

Mimosa Entada. *Willden. sp. pl.* 4. *p.* 1041.

Perim-kaku-valli. *Rheed. mal.* 8. *p.* 59. *t.* 32—34. (fructifera.)

Entada. *Rheed. mal.* 9. *p.* 151. *t.* 77. (florens.)

Climbing Acacia.

Nat. of both Indies.

Introd. about 1780, by Mr. Gilbert Alexander.

Fl. S. ♄.

pulchella. 22. A. foliis conjugato-pinnatis: glandula pedicellata inter pinnas 5—7-jugas, stipulis spinosis folia subæquantibus, capitulis solitariis, ramis flexuosis. *Brown mss.*

Zig-zag spiny Acacia.

Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.

Introd. 1803, by Mr. Peter Good.

Fl. April—July. G. H. ♄.

*** *Foliis duplicato-pinnatis, caule inermi.*

23. A. inermis pilosa, foliis bipinnatis: partialibus bijugis: propriis 2—3-jugis, stipulis subsetaceis caducis, capitulis solitariis. *Brown mss.* *ciliata.*
Ciliate-wing'd Acacia.
Nat. of the South-west coast of New Holland. *Robert Brown*, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. March—June. G. H. ♄.

24. A. inermis glabra, foliis bipinnatis: partialibus bijugis: superioris propriis 5—7-jugis; inferioris 2—3-jugis, stipulis subulato-setaceis, capitulis solitariis. *Brown mss.* *nigricans.*
Mimosa nigricans. *Labillard. nov. holl.* 2. *p.* 88. *t.* 238.
Unequal-wing'd Acacia.
Nat. of the South-west coast of New Holland.
Introd. 1803, by Mr. Peter Good.
Fl. May—July. G. H. ♄.

25. A. inermis, foliis bipinnatis: partialibus propriisque decemjugis ellipticis obtusis, glandula petiolari convexa, spicis filiformibus solitariis axillaribus. *Willden. sp. pl.* 4. *p.* 1061. *guianensis.*
Mimosa guianensis. *Aubl. guian.* 2. *p.* 938. *t.* 357.
Guiana Acacia.
Nat. of Cayenne.
Introd. 1803, by purchase from the Captors of a French Vessel.
Fl. S. ♄.

26. A. inermis, foliis bipinnatis: partialibus subsexjugis: propriis multijugis, petiolis tomentosis, spica terminali interrupta. *Willden. sp. pl.* 4. *p.* 1062. *Houstoni.*
Anneslia falcifolia. *Salisb. paradis.* 64.
Houstoun's Acacia.
Nat. of Vera Cruz.

Introd. 1729, by William Houstoun, M.D. *Mill. ic.* 1. *p.* 4. *t.* 5.
Fl. September—November. S. ♄.

odoratissima. 27. A. inermis, foliolis bipinnatis: partialibus quadrijugis: propriis decem—duodecimjugisve: infimis minutissimis, spicis globosis terminalibus paniculatis. *Willden. sp. pl.* 4. *p.* 1063.
Mimosa odoratissima. *Roxb. corom.* 2. *p.* 12. *t.* 120.
Fragrant Acacia.
Nat. of the East Indies.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K.B.
Fl. S. ♄.

arborea. 28. A. inermis, foliis bipinnatis: partialibus septemjugis: propriis septemdecimjugis dimidiatis acutis, spicis globosis pedunculatis axillaribus, leguminibus arcuatis contortis. *Willden. sp. pl.* 4. *p.* 1064.
Acacia non spinosa jamaicensis, foliolis lata basi in metæ formam fastigiatis. *Pluk. alm.* 6. *t.* 251. *f.* 2.
Rough Tree Acacia.
Nat. of Jamaica.
Cult. 1768, by Mr. Philip Miller. *Mill. dict. ed.* 8. Mimosa 14.
Fl. S. ♄.

Julibrissin. 29. A. inermis, foliis bipinnatis: partialibus undecimjugis: propriis multijugis dimidiatis acutis, spicis subglobosis terminalibus aggregatis, leguminibus planis membranaceis glabris. *Willden. sp. pl.* 4. *p.* 1065.
Mimosa Julibrissin. *Scopoli insubr.* 1. *p.* 18. *t.* 8.
Mimosa arborea. *Gmel. it.* 3. *p.* 372. *tab.* 40.
Smooth Tree Acacia.
Nat. of the Levant.
Introd. about 1745, by Richard Bateman, Esq.
Fl. August. G. H. ♄.

30. A. in-

30. A. inermis, foliis bipinnatis: partialibus quadri-quinquejugisve: propriis septem- s. undecimjugis subdimidiatis obtusis glabris, spicis subcapitatis axillaribus aggregatis. *Willden. sp. pl.* 4. *p.* 1066. *speciosa.*
Mimosa speciosa. *Jacqu. ic.* 1. *t.* 198.
Splendid Acacia.
Nat. of the East Indies.
Cult. before 1742, by Robert James Lord Petre.
Fl. August and September. S. ♄.

31. A. inermis, foliis bipinnatis: partialibus quinquejugis: propriis decemjugis ellipticis obtusis, spicis globosis pedunculatis terminalibus bracteatis, leguminibus oblongis utrinque acutis. *Willden. sp. pl.* 4. *p.* 1067. *latisiliqua.*
Acacia non spinosa, siliquis latis compressis, flore albo. *Plum. ic.* 3. *t.* 6.
Broad-podded Acacia.
Nat. of the West Indies.
Introd. 1777, by Daniel Charles Solander, LL. D.
Fl. most part of the Summer. S. ♄.

32. A. inermis, foliis bipinnatis: partialibus quinquejugis: propriis subdecemjugis subtus discoloribus, spicis globosis pedunculatis racemosis terminalibus et axillaribus. *Willden. sp. pl.* 4. *p.* 1068. *discolor.*
Mimosa discolor. *Andrews's reposit.* 235.
Two-colour'd-leaved Acacia.
Nat. of New South Wales.
Introd. 1788, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. in all Seasons. G. H. ♄.

33. A. inermis, foliis bipinnatis: partialibus suboctojugis; propriis subquindecimjugis, racemis axillaribus solitariis: capitulis globosis pedicellatis, ramis hirsutis, petiolis eglandulosis. *pubescens.*
Mimosa pubescens. *Venten. malmais.* 21. *Botan. magaz.* 1263.
Hairy-stem'd Acacia.

Nat. of New South Wales.
Introd. about 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. March—June. G. H..

lophantha. 34. A. inermis, foliis bipinnatis: partialibus novem- seu duodecimjugis: propriis subvigintijugis lanceolatis aveniis, glandula petiolari; et inter binas terminales partialium, spicis oblongis pedunculatis axillaribus geminis. *Willden. sp. pl.* 4. *p.* 1070.
Mimosa distachya. *Venten. cels* 20.
Mimosa elegans. *Andrews's reposit.* 563.
Two-spik'd Acacia.
Nat. of the South-west coast of New Holland. Robert Brown, Esq.
Introd. 1803, by Mr. Peter Good.
Fl. May—July. G. H. ♄.

brachyloba. 35. A. inermis, foliis bipinnatis: partialibus octojugis: propriis multijugis, glandulæ inter par infimum partialium, spicis globosis solitariis pedunculatis axillaribus, leguminibus lanceolatis rectis. *Willden. sp. pl.* 4. *p.* 1071.
Illinois Acacia.
Nat. of North America. Wm. Hamilton, Esq.
Introd. 1803, by Robert Barclay, Esq.
Fl. G. H. ♃.

glandulosa. 36. A. inermis, foliis bipinnatis: partialibus duodecimjugis: propriis multijugis, glandula inter omnia paria partialium, spicis globosis pedunculatis solitariis axillaribus, leguminibus falcatis. *Willden. sp. pl.* 4. *p.* 1071.
Mimosa glandulosa. *Venten. choix* 27.
Glandulous Acacia.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. G. H. ♄.

decurrens. 37. A. inermis, foliis bipinnatis: partialibus undecimjugis: propriis multijugis, petiolis partialibus

bus marginatis, glandula inter omnia partialia, spicis globosis pedunculatis axillaribus. *Willden. sp. pl.* 4. *p.* 1072.
Mimosa decurrens. *Venten. malmais.* 61.
Decurrent Acacia.
Nat. of New South Wales.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. May—July. G. H. ♄.

38. A. inermis, foliis bipinnatis: partialibus sedecimjugis: propriis quadragintajugis, glandula petiolari, spicis globosis pedunculatis axillaribus ternis. *Willden. sp. pl.* 4. *p.* 1073. *peregrina.*
White-flower'd American Acacia.
Nat. of South America.
Cult. before 1780, by John Fothergill, M. D. *Hort. Upton.* 35.
Fl. July. S. ♄.

39. A. inermis, foliis bipinnatis: partialibus septemdecimjugis: propriis quadragintajugis, spicis subcapitatis pedunculatis racemosis terminalibus. *Willden. sp. pl.* 4. *p.* 1074. *grandiflora.*
Mimosa grandiflora. *Andrews's reposit.* 592.
Great-flower'd Acacia.
Nat. of the East Indies.
Introd. about 1769, by Mrs. Norman.
Fl. June—September. S. ♄.

40. A. inermis, foliis bipinnatis: partialibus quinque- s. sexjugis: propriis octodecimjugis distantibus, spicis globosis pedunculatis geminis axillaribus. *Willden. sp. pl.* 4. *p.* 1075. *glauca.*
Acacia non spinosa, flore albo, foliorum pinnis latiusculis glabris, siliquis longis planis. *Trew ehret* 9. *t.* 36.
Glaucous Acacia.
Nat. of America.
Cult. 1690, in the Royal Garden at Hampton Court. *Catal. mss.*
Fl. June—August. S. ♄.

**** *Foliis duplicato-pinnatis, spinis s. aculeis stipularibus.*

juliflora. 41. A. spinis stipularibus geminis, foliis bipinnatis: partialibus bijugis: propriis vigintijugis, spicis axillaribus geminis ternatisve cylindraceis pendulis. *Willden. sp. pl.* 4. *p.* 1076.
Long-flower'd Acacia, or Poponax.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

Cafra. 42. A. aculeis geminis stipularibus incurvis, foliis bipinnatis: partialibus duodecimjugis: propriis multijugis, glandula petiolari, spicis cylindraceis axillaribus. *Willden. sp. pl.* 4. *p.* 1078.
Hottentot Acacia.
Nat. of the Cape of Good Hope.
Introd. 1800, by William Somerville, M. D.
Fl. G. H. ♄.

Chundra. 43. A. aculeis stipularibus geminis uncinatis, foliis bipinnatis: partialibus 9- s. 13-jugis: propriis multijugis, glandula petiolari et inter tria terminalium exteriorum, spicis cylindraceis. *Willden. sp. pl.* 4. *p.* 1078.
Hook-spined Acacia.
Nat. of the East Indies.
Introd. 1789, by Sir Archibald Campbell, Bart.
Fl. S. ♄.

Catechu. 44. A. aculeis geminis stipularibus uncinatis, foliis bipinnatis: partialibus decemjugis: propriis multijugis pubescentibus, glandula petiolari et inter duo terminalia partialium, spicis cylindraceis geminis ternisve axillaribus. *Willden. sp. pl.* 4. *p.* 1079.
Mimosa Catechu. *Roxb. corom.* 2. *p.* 40. *t.* 175.
Medicinal Acacia.
Nat. of the East Indies. William Roxburgh, M.D.
Introd.

Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

45. A. spinis stipularibus connatis compressis, foliis bipinnatis: partialibus sexjugis: propriis vigintijugis glabris, glandula petiolari, spicis axillaribus cylindraceis. *Willden. sp. pl.* 4. *p.* 1080. *cornigera.*
Acacia americana, grandibus aculeis ad ramulorum exortum cornua bovina referentibus, siliqua rostrata. *Pluk. alm.* 3. *t.* 122. *f.* 1.
Horn'd Acacia, or Cuckold Tree.
Nat. of South America.
Cult. 1692, in the Royal Garden at Hampton Court. *Pluk. loc. citat.*
Fl. S. ♄.

46. A. spinis stipularibus geminis connatis, foliis bipinnatis: partialibus quadrijugis: propriis sexjugis, spicis globosis axillaribus pedunculatis aggregatis. *Willden. sp. pl.* 4. *p.* 1081. *eburnea.*
Mimosa eburnea. *Roxb. corom.* 2. *p.* 54. *t.* 199.
Ivory-thorn'd Acacia.
Nat. of the East Indies. *William Roxburgh*, M. D.
Introd. 1792, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

47. A. spinis stipularibus setaceis distinctis, foliis bipinnatis: partialibus quinque- s. octojugis: propriis multijugis, spicis globosis subsessilibus. *Willden. sp. pl.* 4. *p.* 1083. *farnesiana.*
Acacia indica farnesiana. *Aldini hort. farnes.* 2.
Sponge Tree.
Nat. of St. Domingo.
Cult. 1656, by Mr. John Tradescant Jun. *Mus. Tradesc.* 74.
Fl. June—August. S. ♄.

48. A. spinis stipularibus geminis patentibus, foliis bipinnatis: partialibus bijugis: propriis octodecimjugisve, glandula inter singula partialium paria, *vera.*

paria, spicis subgeminis pedunculatis axillaribus. *Willden. sp. pl.* 4. *p.* 1085.

Acacia vera s. spina ægyptiaca, subrotundis foliis, flore luteo, siliqua brevi paucioribus isthmis glabris et cortice nigricantibus. *Pluk. alm.* 3. *t.* 123. *f.* 1.

Egyptian Thorn, or Acacia.

Nat. of Arabia and Egypt.

Cult. 1596, by Mr. John Gerard. *Hort. Ger.*

Fl. July. S. ♄.

***** *Foliis duplicato-pinnatis, aculeis sparsis.*

cæsia. 49. A. aculeata, foliis bipinnatis: partialibus septemjugis: propriis sedecimjugis, glandula petiolari, spicis globosis pedunculatis paniculatis terminalibus. *Willden. sp. pl.* 4. *p.* 1090.

Acacia spinosa, indiæ orientalis, foliis subtus cæsiis, floribus globosis luteis. *Pluk. mant.* 1. *t.* 330. *f.* 1.

Gray Acacia.

Nat. of the East Indies.

Introd. 1773, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. S. ♄.

pennata. 50. A. aculeata, foliis bipinnatis: partialibus propriisque multijugis, glandula petiolari, petiolis communibus basi pedunculisque aculeatis, spicis capitatis pedunculatis, panicula terminali divaricata. *Willden. sp. pl.* 4. *p.* 1090.

Acacia aculeata multiflora, foliis pennas avium referentibus. *Burm. zeyl.* 2. *t.* 1.

Fine-leaved Acacia.

Nat. of the East Indies.

Introd. 1773, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. S. ♄.

Intsia. 51. A. aculeata, foliis bipinnatis: partialibus sexjugis: propriis subduodecimjugis incurvis, petiolis aculeatis, aculeis stipula brevioribus, spicis

globosis pedunculatis. *Willden. sp. pl.* 4. *p.* 1091.
Intsia. *Rheed. mal.* 6. *p.* 7. *t.* 4.
Angular-stalk'd Acacia.
Nat. of the East Indies.
Introd. 1778, by Patrick Russell, M.D.
Fl. S. ♄.

52. A. aculeata, foliis bipinnatis: partialibus quinquejugis: propriis trijugis obovatis trinerviis, spicis globosis pedunculatis paniculatis terminalibus. *Willden. sp. pl.* 4. *p.* 1091. *Ceratonia.*
Acacia repens aculeata, flore albo, foliis siliquæ. *Plum. ic. t.* 8.
Round-leaved Acacia.
Nat. of South America.
Introd. before 1800, by the Marquis of Blandford.
Fl. S. ♄.

53. A. aculeata, foliis bipinnatis: partialibus quinquejugis: propriis quindecimjugis, glandula petiolari, stipulis bracteisque cordatis, spicis globosis pedunculatis paniculatis. *Willden. sp. pl.* 4. *p.* 1092. *tamarindifolia.*
Mimosa tamarindifolia. *Jacqu. hort. schœnbr.* 3. *p.* 77. *t.* 396.
Tamarind-leaved Acacia.
Nat. of the West Indies.
Cult. 1774, by Messrs. Kennedy and Lee.
Fl. S. ♄.

RHAPIS. *Gen. pl.* 1687.

HERMAPHROD. *Cal.* 3-fidus. *Cor.* 3-fida. *Stam.* 6. *Pist.* 1. *Drupa* 1-sperma.
MASC. *Cal.* 3-fidus. *Cor.* 3-fida. *Stam.* 6.

1. R. frondibus palmatis plicatis: plicis marginibusque aculeato-denticulatis. *Willden. sp. pl.* 4. *p.* 1093. *Botan. magaz.* 1371. Mas. *flabelliformis.*
Creeping-rooted Rhapis, or Ground-Ratan.
Nat. of China and Japan.

Introd. about 1774, by Mr. James Gordon.
Fl. August. S. ♄.

acaulis. 2. R. frondibus palmatis striatis integerrimis glabris. *Willden. sp. pl.* 4. *p.* 1093.
Sabal Adansoni, *Botan. magaz.* 1434.
Swamp Palmetto.
Nat. of North America.
Introd. 1790, by Baron Hake.
Fl. July and August. G. H. ♄.

arundinacea. 3. R. frondibus bipartitis: lobis acutis plicatis: plicis scabriusculis. *Willden. sp. pl.* 4. *p.* 1093.
Simple-leaved Rhapis.
Nat. of Carolina. Mr. *John Cree.*
Introd. 1765.
Fl. September. G. H. ♄.

DIOECIA.

GLEDITSCHIA. *Gen. pl.* 1596.

Hermaphrod. *Cal.* 4-fidus. *Cor.* 4-petala. *Stam.* 6. *Pist.* 1. *Legumen.*
Masc. *Cal.* 3-phyllus. *Cor.* 3-petala. *Stam.* 6.
Fem. *Cal.* 5-phyllus. *Cor.* 5-petala. *Pist.* 1. *Legumen.*

triacanthos. 1. G. ramis spinosis: spinis crassis triplicibus, foliolis lineari-oblongis, leguminibus polyspermis. *Willden. sp. pl.* 4. *p.* 1097. *Schkuhr handb.* 3. *p.* 554. *t.* 356.
Three-thorn'd Acacia.
Nat. of North America.
Cult. before 1700, by Bishop Compton. *Pluk. mant.* 1.
Fl. June and July. H. ♄.

monosperma. 2. G. ramis subspinosis, foliolis ovato-oblongis, leguminibus monospermis. *Willden. sp. pl.* 4. *p.* 1097.

Acacia, abruæ foliis, triacanthos, capsula ovali unicum semen claudente. *Catesb. car.* 1. *t.* 43.
Single-seeded, or Water Acacia.
Nat. of North America.
Introd. 1723, by Mr. Mark Catesby. *Hort. angl.* *p.* 3. Acacia 3.
Fl. June and July. H. ♄.

3. G. truncis spinosis: spinis ramosis, foliolis ovali-oblongis. *Willden. sp. pl.* 4. *p.* 1098. *horrida.*
Strong-spined Acacia.
Nat. of China.
Cult. 1774, by Messrs. Kennedy and Lee.
Fl. June and July. H. ♄.

FRAXINUS. *Gen. pl.* 1597.

HERMAPHROD. *Cal.* 0. s. 4-partitus. *Cor.* 0. s. 4-petala. *Stam.* 2. *Pist.* 1. *Samara* 1-sperma ala lanceolata terminata.
FEM. *Cal.* 0. s. 4-partitus. *Cor.* 0. s. 4-petala. *Pist.* 1. *Samara* 1-sperma ala lanceolata terminata.

1. F. foliis simplicibus ovatis profunde serratis, floribus nudis. *Willden. sp. pl.* 4. *p.* 1098. *Engl. bot.* 2476. *simplicifolia.*
Various-leaved Ash.
Nat. of England.
Fl. April and May. H. ♄.

2. F. foliolis subpetiolatis lanceolatis acuminatis serratis glabris basi cuneatis, floribus nudis. *Willden. sp. pl.* 4. *p.* 1099. *Engl. bot.* 1692. *Fl. dan.* 969. *Svensk bot.* 175. *excelsior.*
Common Ash.
β. ramis pendulis. pendula.
Weeping Ash.
Nat. of Britain.
Fl. April and May. H. ♄.

3. F. foliolis sessilibus ovato-lanceolatis serratis rugoso- *sambucifolia.*

goso-nitidis: basi rotundatis inæqualibus; axillis venarum subtus villosis, floribus nudis. *Willden. sp. pl.* 4. *p.* 1099.
Elder-leaved Ash.
Nat. of North America.
Introd. 1800, by Messrs. Loddiges.
Fl. H. ♄.

lentiscifolia. 4. F. foliis oblongis petiolatis utrinque acutis mucronato-serratis glabris, floribus nudis. *Willden. sp. pl.* 4. *p.* 1101.
Fraxinus alepensis. *Pluk. alm.* 158. *t.* 182. *f.* 4.
Aleppo Ash.
Nat. of Aleppo.
Cult. before 1710. *Philosoph. transact. n.* 325. *p.* 51. *n.* 13.
Fl. May and June. H. ♄.

americana. 5. F. foliolis petiolatis oblongis nitidis acuminatis integerrimis subtus glaucis, floribus calyculatis. *Willden. sp. pl.* 4. *p.* 1102.
White American Ash.
Nat. of North America.
Introd. 1723, by Mr. — Moore. *Hort. angl.* 33. *n.* 6.
Fl. May. H. ♄.

pubescens. 6. F. foliolis petiolatis elliptico-ovatis serratis subtus petiolis ramulisque tomentosis, floribus calyculatis. *Willden. sp. pl.* 4. *p.* 1103.
Black American Ash.
Nat. of Pensylvania.
Cult. 1783, by Mr. Daniel Grimwood.
Fl. May. H. ♄.

juglandifolia. 7. F. foliolis petiolatis ovatis opacis serratis subtus glaucis: axillis venarum pubescentibus, ramulis glabris, floribus calyculatis. *Willden. sp. pl.* 4. *p.* 1104.
Walnut-leaved Ash.
Nat. of North America.

Introd. 1783, by Mr. William Young.
Fl. May and June. H. ♄.

8. F. foliolis petiolatis oblongo-lanceolatis acuminatis serratis, floribus corollatis. *Willden. sp. pl.* 4. *p.* 1104. *Fl. græc.* 1. *p.* 4. *t.* 4. *Ornus.*
Flowering Ash.
Nat. of Italy.
Cult. 1710. *Philosoph. transact. n.* 325. *p.* 51. *n.* 15.
Fl. May and June. H. ♄.

9. F. foliolis subrotundis acutiusculis duplicato-serratis subsessilibus, floribus corollatis. *Willden. sp. pl.* 4. *p.* 1105. *rotundifolia.*
Manna Ash.
Nat. of Italy.
Cult. 1697, by the Duchess of Beaufort. *Br. Mus. Sloan. mss.* 3357. *fol.* 39.
Fl. April. H. ♄.

BROSIMUM. *Gen. pl.* 1486.

Hermaphrod. *Amentum* globosum apice pistillo solitario instructum. *Cal.* squama. *Cor.* 0. *Anth.* peltatæ solitariæ. *Styl.* 2-fidus.
Masc. *Cal.* 0. *Cor.* 0. *Germen* imbricato-squamosum. *Styl.* 2-fidus. *Bacca* corticosa 1-sperma.

1. B. foliis ovato-lanceolatis perennantibus, amentis globosis pedicellatis binis axillaribus, fructu corticoso. *Willden. sp. pl.* 4. *p.* 1106. *Swartz fl. ind. occ.* 1. *p.* 17. *t.* 1. *f.* 1. *Alicastrum.*
Jamaica Bread Nut Tree.
Nat. of Jamaica.
Introd. 1776, by Messrs. Kennedy and Lee.
Fl. S. ♄.

2. B. foliis lanceolato-ovatis acuminatis, amentis subsessilibus ovatis axillaribus geminis, fructu molli. *Willden. sp. pl.* 4. *p.* 1106. *spurium.*

Jamaica Milk-wood.
Nat. of Jamaica.
Introd. 1789, by Hinton East, Esq.
Fl. S. ♄.

DIOSPYROS. *Gen. pl.* 1598.

HERMAPHROD. *Cal.* 4-fidus. *Cor.* urceolata, 4-fida. *Stam.* 8. *Styl.* 4-fidus. *Bacca* 8-sperma.
MASC. *Cal. Cor. Stam.* hermaphroditi.

Lotus. 1. D. foliis oblongis acuminatis subtus pubescentibus, gemmis interne hirsutis. *Willden. sp. pl.* 4. *p.* 1107. *Poit. et Turp. arbr. fruit.* 36.
European Date-plum.
Nat. of Italy and Barbary.
Cult. 1596, by Mr. John Gerard. *Hort. Ger.*
Fl. June and July. H. ♄.

virginiana. 2. D. foliis ovatis obtusiusculis nitidis glabris reticulato-venosis, petiolis pubescentibus, gemmis glabris. *Willden. sp. pl.* 4. *p.* 1107. *Poit. et Turp. arbr. fruit.* 37.
American Date, or Pishamin Plum.
Nat. of North America.
Cult. 1629. *Park. paradis.* 569. *f.* 6.
Fl. June and July. H. ♄.

Ebenum. 3. D. foliis ovato-lanceolatis acuminatis, gemmis hirtis. *Willden. sp. pl.* 4. *p.* 1109.
Diospyros glaberrima. *Rottb. in nov. act. hafn.* 2. *p.* 540. *t.* 5.
Smooth Date-plum, or Ebony.
Nat. of the East Indies.
Introd. 1792, by William Roxburgh, M. D.
Fl. S. ♄.

Kaki. 4. D. foliis ovato-ellipticis acuminatis: basi acutis; subtus pubescentibus, ramis tomentosis. *Willden. sp. pl.* 4. *p.* 1110.
Si vulgo Kaki. *Kæmpf. amœn.* 805. *t.* 806.
Japan Date-plum.
Nat. of Japan and the East Indies.

Introd. 1789, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

5. D. spinosa, foliis oblongis acuminatis cordatis subtus pubescentibus. *Willden. sp. pl.* 4. *p.* 1111. *Roxb. corom.* 1. *p.* 38. *t.* 50. *cordifolia.*
Heart-leaved Date-plum.
Nat. of the East Indies.
Introd. 1794, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

6. D. foliis obovatis obtusis utrinque glabris. *Willden. sp. pl.* 4. *p.* 1111. *obovata.*
Diospyros obovata. *Jacqu. hort. schœnbr.* 3. *p.* 34. *t.* 312.
Four-seeded Date-plum.
Nat. of both Indies.
Introd. 1796, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

NYSSA. *Gen. pl.* 1599.

HERMAPHROD. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 5. *Pist.* 1. *Drupa* infera.
MASC. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 10.

1. N. foliis oblongis integerrimis utrinque acutis, petiolo, costa media margineque villosis, pedunculis femineis subtrifloris. *Willden. sp. pl.* 4. *p.* 1112. *villosa.*
Nyssa multiflora. *Wangenh. amer.* 46. *t.* 16. *f.* 39.
Hairy-leaved Tupelo.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. H. ♄.

2. N. foliis ovato-oblongis integerrimis utrinque acutis glabris, pedunculis femineis bifloris. *Willden. sp. pl.* 4. *p.* 1113. *biflora.*

Arbor in aqua nascens, foliis latis acuminatis et non dentatis, fructu Elæagni minore. *Catesb. carol.* 1. *t.* 41.
Mountain Tupelo, or Sour Gam.
Nat. of North America.
Cult. 1739, by Mr. Ph. Miller. *Mill. dict. vol.* 2. Addenda, Arbor &c.
Fl. H. ♄.

capitata. 3. N. foliis cordato-ovatis serraturis nonnullis subtus glaucis, floribus globoso-capitatis, drupis oblongis. *Walt. carolin.* 253.
Round-headed Tupelo.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. H. ♄.

denticulata. 4. N. foliis longe petiolatis oblongis acuminatis remote serratis utrinque glabris, pedunculis femineis unifloris. *Willden. sp. pl.* 4. *p.* 1114.
Arbor in aqua nascens, foliis latis acuminatis et dentatis, fructu Elæagni majore. *Catesb. carol.* 1. *t.* 60.
Water Tupelo.
Nat. of North America.
Introd. 1735, by Peter Collinson, Esq.
Fl. H. ♄.

HAMILTONIA.

Pyrularia. *Michaux amer.* 2. *p.* 231.

HERMAPHROD. *Cal.* 5-fidus. *Cor.* 0. *Nect.* discus 5-dentatus. *Stam.* 5. *Pist.* 1. *Drupa* infera.

MASC. *Cal.* 5-fidus. *Cor.* 0. *Nect.* discus 5-dentatus. *Stam.* 5.

oleifera. 1. HAMILTONIA. *Willden. sp. pl.* 4. *p.* 1114.
Olive-bearing Hamiltonia, or Oil-nut.
Nat. of North America.
Introd. 1800, by Messrs. Fraser.
Fl. G. H. ♄.

LAURO-

LAUROPHYLLUS. *Thunb. prodr. præf.*

Hermaphrod. *Cal.* 4-phyllus. *Cor.* 0. *Stam.* 4. *Germen* superum. *Styl.* 1.
Masc. *Cal.* 4-phyllus. *Cor.* 0. *Stam.* 4.

1. **Laurophyllus.** *Willden. sp. pl.* 4. *p.* 1115. *capensis.*
Cape Laurophyllus.
Nat. of the Cape of Good Hope. Mr. James Niven.
Introd. 1801, by George Hibbert, Esq.
Fl. G. H. ♄.

ARCTOPUS. *Gen. pl.* 1601.

Masc. *Umbella* composita. *Involucra* 5-phylla. *Cor.* 5-petala. *Stam.* 5. *Pist.* 2, abortientia.
Androg. *Umbella* simplex. *Involucrum* 4-partitum, spinosum, maximum, continens flosculos masculos in disco plurimos. Femineos 4, in radio.
Masc. *Petala* 5. *Stam.* 5.
Fem. *Petala* 5. *Styl.* 2. *Sem.* 2, infera.

1. **Arctopus.** *Willden. sp. pl.* 4. *p.* 1117. *echinatus.*
Arctopus foliis superne spinis stelliformibus echinatis laciniatis et in cilia diductis, floribus umbellatis. *Burm. afr. p.* 1. *t.* 1.
Rough Arctopus.
Nat. of the Cape of Good Hope.
Introd. 1774, by Mr. Francis Masson.
Fl. G. H. ♃.

BURSERA. *Gen. pl.* 1608.

Hermaphrod. *Cal.* 3-, 4-, 5-dentatus. *Cor.* 3-, 4-, 5-petala. *Stam.* 6, 8, 10. *Stigma* sessile trilobum. *Caps.* 1-locularis, 3-valvis, 1-sperma. *Sem.* arillatum.
Masc. *Cal. Cor.* et *Stam.* hermaphrod.

1. B. racemis axillaribus, foliis impari-pinnatis: foliolis ovatis acutis. *Willden. sp. pl.* 4. *p.* 1119. *gummifera.*
Bursera gummifera. *Jacqu. amer.* 94. *t.* 65.

Jamaica Birch Tree.
Nat. of the West Indies.
Cult. 1690, in the Royal garden at Hampton-court. *Catal. mss.*
Fl. S. ♄.

PANAX. *Gen. pl.* 1604.

HERMAPHROD. Umbella. *Cal.* 5-dentatus, superus. *Cor.* 5-petala. *Stam.* 5. *Styl.* 2. *Bacca* 2-sperma, infera.
MASC. Umbella. *Cal.* integer. *Cor.* 5-petala. *Stam.* 5.

quinquefolium. 1. P. caule herbaceo, foliis ternis quinatis: foliolis ovatis acuminatis serratis. *Willden. sp. pl.* 4. *p.* 1124. *Botan. magaz.* 1333.
Five-leaved Panax. Ginseng.
Nat. of China and North America.
Introd. 1740, by Peter Collinson, Esq.
Fl. June. H. ♃.

trifolium. 2. P. caule herbaceo, foliis ternis ternatis quinatisve: foliolis oblongo-lanceolatis serratis. *Willden. sp. pl.* 4. *p.* 1124.
Panax pusilla. *Sims in botan. magaz.* 1334.
Lesser Panax.
Nat. of North America.
Cult. before 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 2.
Fl. May and June. H. ♃.

aculeatum. 3. P. foliis ternatis; summis juxta flores confertis simplicibus, petiolis ramulisque aculeatis, caule fruticoso. *Willden. sp. pl.* 4. *p.* 1125. *Jacqu. ic.* 3. *t.* 634.
Prickly Panax.
Nat. of China.
Cult. 1773, by John Fothergill, M.D.
Fl. November. S. ♄.

fruticosum. 4. P. foliis supradecompositis dentato-ciliatis, caule

fruticoso. *Willden. sp. pl.* 4. *p.* 1127. *Andrews's reposit.* 595.
Shrubby Panax.
Nat. of the Island of Ternate. Cult. in China.
Introd. 1800, by A. B. Lambert, Esq.
Fl. August and September. S. ♄.

CERATONIA. *Gen. pl.* 1612.

HERMAPHROD. *Cal.* 5-partitus. *Cor.* 0. *Stam.* 5. *Stylus* filiformis. *Legumen* coriaceum, polyspermum.
DIOICA. Mas et Femina distincta.

1. CERATONIA. *Willden. sp. pl.* 4. *p.* 1130. *Andrews's reposit.* 567. *Siliqua.*
Carob Tree, or St. John's-bread.
Nat. of Sicily and the Levant.
Cult. 1570. *Lobel. adv.* 414.
Fl. September and October. G. H. ♄.

FICUS. *Gen. pl.* 1613.

RECEPTACUL. commune turbinatum, carnosum, connivens, occultans flosculos vel in eodem vel distincto.
MASC. *Cal.* 3-partitus. *Cor.* 0. *Stam.* 3.
FEM. *Cal.* 5-partitus. *Cor.* 0. *Pistillum* 1. *Sem.* 1, calyce persistenti clauso subcarnoso tectum.

1. F. foliis cordatis tri- quinquelobisve repando-dentatis: lobis obtusis; supra scabris subtus pubescentibus, receptaculis pyriformibus glabris. *Willden. sp. pl.* 4. *p.* 1131. *Carica.*
Ficus foliis palmatis. *Trew ehret* 37. *t.* 73, 74.
Common Fig-Tree.
Nat. of the South of Europe.
Cult. 1548. *Turner's names of herbes, sign. Dij.*
Fl. June and July. H. ♄.

2. F. foliis oblongis trilobis sinuatisque integerrimis *aquatica.*

utrinque scabris, receptaculis pyriformibus glabris pedunculatis. *Willden. sp. pl.* 4. *p.* 1133.
Ficus denticulata. *Willden. sp. pl.* 4. *p.* 1132.
Valli-teregam. *Rheed. mal.* 3. *p.* 83. *t.* 62.
Rough-leaved Fig-Tree.
Nat. of the East Indies.
Cult. 1758, by Mr. Philip Miller.
Fl. S. ♄.

nymphæifolia. 3. F. foliis cordatis subrotundis mucronatis integerrimis glabris subtus glaucis. *Willden. sp. pl.* 4. *p.* 1134.
Water-Lily-leaved Fig-Tree.
Nat. of India.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 9.
Fl. S. ♄.

religiosa. 4. F. foliis subcordatis ovatis acuminatissimis, receptaculis globosis calyculatis geminatis sessilibus. *Willden. sp. pl.* 4. *p.* 1134.
Arealu. *Rheed. mal.* 1. *p.* 47. *t.* 27.
Poplar-leaved Fig-Tree.
Nat. of the East Indies.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. *n.* 18.
Fl. S. ♄.

benghalensis. 5. F. foliis ovatis integerrimis obtusissimis basi rotundatis subcordatis quinquenerviis, receptaculis globosis geminatis sessilibus calyculatis. *Willden. sp. pl.* 4. *p.* 1135.
Peralu. *Rheed. mal.* 1. *p.* 49. *t.* 28.
Bengal Fig-Tree.
Nat. of the East Indies.
Introd. 1690, by the Earl of Portland. *Br. Mus. Sloan. mss.* 3370.
Fl. April. S. ♄.

coriacea. 6. F. foliis oblongis lævibus basi attenuatis cordatis coriaceis: venis immersis. *Willden. sp. pl.* 4. *p.* 1136.

Leathery-leaved Fig-Tree.
Nat. of the East Indies.
Introd. 1772, by Mr. William Malcolm.
Fl. S. ♄.

7. F. foliis ovatis cordatis: sinu profundo angusto; integerrimis glabris acutis utrinque viridibus. *Willden. sp. pl.* 4. *p.* 1136. *costata.*
Rib-leaved Fig-Tree.
Nat. of the East Indies.
Introd. 1763, by John Bush, Esq.
Fl. S. ♄.

8. F. foliis ovatis cordatis integerrimis glabris obtusis basi trinerviis, ramis erectis. *Willden. sp. pl.* 4. *p.* 1137. *lucida.*
Shining-leaved Fig-Tree.
Nat. of the East Indies.
Introd. 1772, by Mr. William Malcolm.
Fl. S. ♄.

9. F. foliis oblongo-lanceolatis integerrimis: apice attenuatis acutis; basi rotundatis; supra albo-punctatis. *Willden. sp. pl.* 4. *p.* 1137. *martinicensis.*
Ficus indica maxima, folio oblongo, funiculis e summis ramis demissis radices agentibus se propagans, fructu minore sphærico sanguineo. *Sloan. jam.* 2. *p.* 140. *t.* 223.
Round-fruited Fig-Tree.
Nat. of the West Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 6.
Fl. S. ♄.

10. F. foliis oblongis integerrimis apice attenuatis acutis: basi rotundatis subcordatis; supra impresso-punctatis, receptaculis globosis sessilibus calyculatis. *Willden. sp. pl.* 4. *p.* 1137. *infectoria.*
Tsjakela. *Rheed. mal.* 3. *p.* 87. *t.* 64.
Veiny-leaved Fig-Tree.
Nat. of the East Indies.

Introd. 1763, by John Bush, Esq.
Fl. S. ♄.

pedunculata. 11. F. foliis ovato-oblongis integerrimis acuminatis obtusis basi obsolete cordatis, receptaculis globosis subgeminatis calyculatis pedunculatis. *Willden. sp. pl.* 4. *p.* 1138.
Ficus arbor americana arbuti foliis non serrata, fructu pisi magnitudine, funiculis è ramis ad terram demissis prolifera. *Pluk. alm.* 144. *t.* 178. *f.* 4.
Willow-leaved Fig-Tree.
Nat. of South America.
Introd. 1776, by Hugh Duke of Northumberland.
Fl. S. ♄.

cordata. 12. F. foliis ovato-lanceolatis integerrimis basi levissime cordatis, receptaculis globosis sessilibus. *Willden. sp. pl.* 4. *p.* 1138.
Ficus cordata. *Thunb. diss. de ficu, n.* 6. *cum ic.*
Heart-leaved Fig Tree.
Nat. of the Cape of Good Hope.
Introd. 1802, by Mr. John Middlemist.
Fl. S. ♄.

australis. 13. F. foliis ellipticis integerrimis utrinque rotundato-obtusis glabris; junioribus subtus rubiginoso-pubescentibus. *Willden. sp. pl.* 4. *p.* 1138.
Botany Bay Fig-Tree.
Nat. of New South Wales.
Introd. 1789, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. March—June. G. H. ♄.

stipulata. 14. F. foliis ovatis obtusis integerrimis cordatis basi inæqualibus, stipulis membranaceis geminatis persistentibus, caule repente. *Willden. sp. pl.* 4. *p.* 1139.
Trailing Fig-Tree.
Nat. of China and Japan.
Introd. about 1771.
Fl. S. ♄.

15. F. foliis ovatis obtusiusculis integerrimis subtus reticulatis, receptaculis ellipticis pedunculatis, caule ramisque decumbentibus. *Willden. sp. pl.* 4. *p.* 1140. *pumila.*
Inu-Itabu. *Kæmpf. amœn.* 803. *t.* 804.
Dwarf Chinese Fig-Tree.
Nat. of China and Japan.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 8.
Fl. S. ♄.

16. F. foliis oblique ovatis obtusis, receptaculis turbinatis basi calyculatis. *Willden. sp. pl.* 4. *p.* 1142. *tinctoria.*
Otaheite Fig-Tree. Mattee.
Nat. of the Society Islands. Messrs. Wiles and Smith.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. May and June. S. ♄.

17. F. foliis elliptico-oblongis integerrimis: basi angustatis; apice obtuse acuminatis; tenuissime parallelo-venosis glabris: supra albo-punctatis, receptaculis globosis subsessilibus. *Willden. sp. pl.* 4. *p.* 1143. *benjamina.*
Itty-alu. *Rheed. mal.* 1. *p.* 45. *t.* 26.
Oval-leaved Fig-Tree.
Nat. of the East Indies.
Cult. 1757, by Mr. Philip Miller.
Fl. S. ♄.

18. F. foliis oblongis acuminatis integerrimis subtrinerviis parallelo-venosis basi attenuatis, receptaculis globosis calyculatis sessilibus. *Willden. sp. pl.* 4. *p.* 1144. *pertusa.*
Laurel-leaved Fig-Tree.
Nat. of South America.
Introd. about 1780.
Fl. S. ♄.

19. F. fo-

nitida. 19. F. foliis obovatis integerrimis brevissime obtuse acuminatis tenuissime parallelo-venosis nitidis glabris. *Willden. sp. pl.* 4. *p.* 1145.
Itti-arealou. *Rheed. mal.* 3. *p.* 69. *t.* 55.
Glossy-leaved Fig-Tree.
Nat. of the East Indies. William Roxburgh, M.D.
Introd. 1786, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

indica. 20. F. foliis ovatis acuminatis integerrimis basi acutis, receptaculis subrotundo-obovatis pedunculatis. *Willden. sp. pl.* 4. *p.* 1146.
Tsiela. *Rheed. mal.* 3. *p.* 85. *t.* 63.
Indian Fig-Tree. Banyan Tree.
Nat. of the East Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 5.
Fl. S. ♄.

racemosa. 21. F. foliis oblongo-lanceolatis acutis integerrimis trinerviis venosis: subtus punctatis; basi subangustatis. *Willden. sp. pl.* 4. *p.* 1146.
Alty-alu. *Rheed. mal.* 1. *p.* 43. *t.* 25.
Cluster'd Fig-Tree.
Nat. of the East Indies.
Cult. 1759, by Mr. Ph. Miller. *Mill. dict. ed.* 7. *n.* 7.
Fl. S. ♄.

retusa. 22. F. foliis obovatis integerrimis obtusissimis glabris, ramulis sulcatis, receptaculis geminatis globosis sessilibus calyculatis. *Willden. sp. pl.* 4. *p.* 1147.
Blunt-leaved Fig-Tree.
Nat. of both Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

repens. 23. F. foliis cordatis ovatis acutis serratis basi inæqualibus, supra scabris subtus hirtis, caule repente,

pente, receptaculis clavatis pedunculatis calyculatis. *Willden. sp. pl.* 4. *p.* 1149.
Creeping-stem'd Fig-Tree.
Nat. of the East Indies. *William Roxburgh*, M.D.
Introd. 1805, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

24. F. foliis oppositis obovato-oblongis serratis acutis supra scabris subtus hirtis, receptaculis globosis umbilicatis hirtis pedunculatis. *Willden sp. pl.* 4. *p.* 1151. *oppositifolia.*
Ficus oppositifolia. *Roxb. corom.* 2. *p.* 14. *t.* 124.
Opposite leaved Fig-Tree.
Nat. of the East Indies. William Roxburgh, M. D.
Introd. 1802, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. S. ♄.

CHAMÆROPS. *Gen. pl.* 1688.

Hermaphrod. *Cal.* 3-partitus. *Cor.* 3-petala. *Stam.* 6. *Pist.* 3. *Drupa* 3, 1-spermæ.
Masc. *Cal.* 3-partitus. *Cor.* 3-petala. *Stam.* 6.

1. C. frondibus palmatis; stipitibus spinosis, spatha simplici. *Willden. sp. pl.* 4. *p.* 1154. *Andrews's reposit.* 599. *humilis.*
Phœnix humilis. *Cavanill. ic.* 2. *p.* 12. *t.* 115.
Dwarf Fan-palm.
Nat. of the South of Europe.
Cult. 1731, by Mr. Ph. Miller. *Mill. dict. ed.* 1. Palma 2.
Fl. February and March. G. H. ♄.

2. C. frondibus palmatis; stipitibus aculeato-serrulatis, caudice repente. *Willden. sp. pl.* 4. *p.* 1155. *serrulata.*
Saw-leaved Chamærops.
Nat. of North America.
Introd. 1809, by Messrs. Fraser.
Fl. G. H. ♄.

Palmetto. 3. C. frondibus palmatis; stipitibus inermibus, spathis duplicatis, caudice arboreo. *Willden. sp. pl.* 4. *p.* 1155.
Smooth-stem'd Chamærops.
Nat. of North America.
Introd. 1809, by Messrs. Fraser.
Fl. G. H. ♄.

Classis XXIV.

CRYPTOGAMIA.

GONOPTERIDES.

EQUISETUM. *Gen. pl.* 1614.

Receptacula peltata plana polygona spicata, subtus *Indusiis* 4–7 corniculatis clausis tandem longitudinaliter rumpentibus, et fructificationes occultantibus, obsita. *Stam.* 4. *Germ.* ovatum. *Styl.* 0. *Sem.* unicum.

1. E. caulibus sterilibus simpliciter ramosis: ramis scabriusculis tetragonis; fructificantibus simplicibus, vaginis cylindraceis inciso-dentatis: dentibus acutis. *Willden. sp. pl.* 5. *p.* 1. *Engl. bot.* 2020. *Schkuhr crypt.* 171. *t.* 167. *arvense.*
Corn Horse-tail.
Nat. of Britain.
Fl. March and April. H. ♃.

2. E. caulibus sterilibus simpliciter ramosis: ramis scabriusculis octogonis; fructificantibus simplicibus, vaginis infundibuliformibus lacero dentatis: dentibus aristatis. *Willden. sp. pl.* 5. *p.* 2. *Engl. bot.* 2022. *Schkuhr crypt.* 173. *t.* 168. *fluviatile.*
Great Water Horse-tail.
Nat. of Britain.
Fl. April and May. H. ♃.

sylvaticum. 3. E. caulibus sterilibus fructificantibusque duplicato-ramosis, ramis scabriusculis deflexis tetragonis, ramulis subtriquetris. *Willden. sp. pl.* 5. *p.* 3. *Engl. bot.* 1874. *Schkuhr crypt.* 170. *t.* 166.
Branch'd wood Horse-tail.
Nat. of Britain.
Fl. April and May. H. ♃.

limosum. 4. E. caulibus subramosis, ramis subduodenis pentagonis lævibus glabris, spica terminali. *Willden. sp. pl.* 5. *p.* 4. *Engl. bot.* 929. *Schkuhr crypt.* 175. *t.* 171.
Smooth naked Horse-tail.
Nat. of Britain.
Fl. June and July. H. ♃.

palustre. 5. E. caulibus simpliciter ramosis glabris sulcatis, ramis pentagonis apice spiciferis. *Willden. sp. pl.* 5. *p.* 5. *Engl. bot.* 2021. *Schkuhr crypt.* 174. *t.* 169, 170.
Marsh Horse-tail.
Nat. of Britain.
Fl. June and July. H. ♃.

variegatum. 6. E. caulibus simplicibus strictis glabris apice spiciferis, vaginis sphacelatis: dentibus diaphanis cuspidatis. *Willden. sp. pl.* 5. *p.* 7. *Engl. bot.* 1987. *Schkuhr crypt.* 177. *t.* 172. *b.*
Variegated rough Horse-tail.
Nat. of Scotland. Mr. *George Don.*
Fl. June and July. H. ♃.

hyemale. 7. E. caulibus simplicibus erectis scaberrimis apice spiciferis, vaginis discoloribus basi apiceque sphacelatis: dentibus aristatis omnino caducis. *Willden. sp. pl.* 5. *p.* 8. *Engl. bot.* 915. *Schkuhr crypt.* 176. *t.* 172.
Rough Horse-tail. Shave-grass.
Nat. of Britain.
Fl. July and August. H. ♃.

STA-

STACHYOPTERIDES.

LYCOPODIUM. *Gen. pl.* 1615.

Capsulæ reniformes uniloculares bivalves polyspermæ. *Semina* minutissima pulveriformia.

1. L. caule repente, ramis adscendentibus, foliis sparsis enerviis incurvato-setigeris, spicis geminatis cylindricis pedunculatis: squamis ovatis acuminatis eroso-denticulatis. *Willden. sp. pl.* 5. *p.* 16. *Engl. bot.* 224. *Schkuhr crypt.* 163. *t.* 162. *clavatum.*
Common Club-moss.
Nat. of Britain.
Fl. July and August. H. ♃.

2. L. caule erecto, ramis alternis dichotomis, foliis bifariis connatis apice patentibus; superficialibus solitariis adpressis, pedunculis quadrifidis tetrastachyis, spicis teretibus cylindricis. *Willden. sp. pl.* 5. *p.* 19. *Fl. dan.* 78. *complanatum.*
Arbor Vitæ Club-moss.
Nat. of North America.
Introd. 1770, by Mr. William Young.
Fl. H. ♃.

3. L. caule erecto dichotomo-fasciculato, foliis quadrifariis oblongis convexis acutis adpressis, spicis terminalibus solitariis sessilibus teretibus. *Willden. sp. pl.* 5. *p.* 20. *Engl. bot.* 234. *Schkuhr crypt.* 162. *t.* 161. *alpinum.*
Savin-leaved Club-moss.
Nat. of Britain.
Fl. August. H. ♃.

4. L. caule erecto, ramis alternis confertis dichotomis patentibus, foliis sparsis sexfariis lineari-lanceolatis patulis, spicis solitariis terminalibus sessilibus. *Willden. sp. pl.* 5. *p.* 21. *Schkuhr crypt.* 164. *t.* 164. *dendroideum.*

Fan Club-moss.
Nat. of North America.
Introd. 1770, by Mr. William Young.
Fl. H. ♃.

annotinum. 5. L. caule repente, ramis adscendentibus basi bis bipartitis, ramulis simplicibus, foliis quinquefariis lineari-lanceolatis mucronatis apice serrulatis patentibus: ad incrementa annua contractis, spicis solitariis sessilibus terminalibus. *Willden. sp. pl.* 5. *p.* 23. *Engl. bot.* 1727. *Schkuhr crypt.* 162. *t.* 162.
Interrupted Club-moss.
Nat. of Britain.
Fl. June—August. H. ♃.

inundatum. 6. L. caule subramoso repente, ramis simplicibus solitariis erectis apice monostachyis, foliis linearibus sparsis acutis integerrimis supra curvis, spica sessili foliosa. *Willden. sp. pl.* 5. *p.* 25. *Engl. bot.* 239. *Schkuhr crypt.* 161. *t.* 160.
Marsh Club-moss.
Nat. of Britain.
Fl. June and July. H. ♃.

Selaginoides. 7. L. caule repente, ramis adscendentibus simplicibus, foliis sparsis lanceolatis patulis ciliato-denticulatis, spicis terminalibus solitariis: foliolis sessilibus. *Willden. sp. pl.* 5. *p.* 28. *Engl. bot.* 1148. *Schkuhr crypt.* 165. *t.* 165.
Prickly Club-moss.
Nat. of Britain.
Fl. August. H. ♃.

helveticum. 8. L. foliis bifariis semicordatis obtusiusculis; superficialibus alternis distichis ovato-oblongis obtusis, caulibus dichotomis repentibus, spicis pedunculatis terminalibus subgeminatis. *Willden. sp. pl.* 5. *p.* 33. *Schkuhr crypt.* 166. *t.* 165.
Spreading Club-moss.
Nat. of Switzerland and Madeira.

Introd. 1779, by Mr. Francis Masson.
Fl. G. H. ♃.

9. L. foliis sparsis octofariis lineari-lanceolatis acuminatis integerrimis imbricato-patulis rigidis, caule dichotomo erecto, ramis fastigiatis. *Willden. sp. pl.* 5. *p.* 49. *Engl. bot.* 233. *Schkuhr crypt.* 160. *t.* 159. *Selago.*
Fir Club moss.
Nat. of Britain.
Fl. August. H. ♃.

PSILOTUM. *Swartz syn. fil.* 187.

Capsulæ tricoccæ triloculares, loculis superne dehiscentibus semibivalvibus.

1. P. ramis undique triquetris. *Swartz syn. fil.* 187. *Schkuhr crypt.* 169. *t.* 165. *b.* *triquetrum.*
Bernhardia dichotoma. *Willden. sp. pl.* 5. *p.* 56.
Triangular-branch'd Psilotum.
Nat. of the West Indies and New Holland.
Introd. 1793, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. July and August. S. ♃.

OPHIOGLOSSUM. *Gen. pl.* 1621.

Capsulæ nudæ in spicam articulatam disticham connatæ uniloculares transverse dehiscentes bivalves.

1. O. spica caulina, fronde ovata obtusa arcte reticulata. *Willden. sp. pl.* 5. *p.* 58. *Engl. bot.* 108. *Schkuhr crypt.* 155. *t.* 153. *vulgatum.*
Common Adder's-tongue.
Nat. of Britain.
Fl. May and June. H. ♃.

2. O. spica caulina, fronde cordata acuta reticulata. *Willden. sp. pl.* 5. *p.* 60. *reticulatum,*

Ophioglossum cordatum et reticulatum. *Plum. fil.* 141. *t.* 164.
Netted Adder's-tongue.
Nat. of the West Indies. Mr. *Alexander Anderson.*
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. May and June. S. ♃.

BOTRYCHIUM. *Swartz syn. fil.* 8.

Capsulæ subglobosæ, rachidi racemi compositi adnatæ discretæ nudæ uniloculares, valvulis binis postice connexis tranverse dehiscentes.

Lunaria. 1. B. scapo superne unifrondoso, fronde pinnata: pinnis lunatis integerrimis. *Willden. sp. pl.* 5. *p.* 61.
Osmunda Lunaria. *Engl. bot.* 318. *Schkuhr crypt.* 156. *t.* 154.
Common Moonwort.
Nat. of Britain.
Fl. May and June. H. ♃.

fumarioides. 2. B. scapo nudo, frondibus radicalibus tripartito-bipinnatis: foliolis lunatis crenatis. *Willden. sp. pl.* 5. *p.* 63.
Botrychium lunarioides. *Schkuhr crypt.* 158. *t.* 157.
Fumitory-like Moonwort.
Nat. of Carolina.
Introd. 1806, by Mr. John Lyon.
Fl. July and August. H. ♃.

dissectum. 3. B. scapo inferne unifrondoso, fronde tripartito-bipinnatifida: laciniis linearibus bipartitis apice bidentatis. *Willden. sp. pl.* 5. *p.* 64. *Schkuhr crypt.* 159. *t.* 158.
Cut-leaved Moonwort.
Nat. of North America.
Introd. 1806, by Mr. John Lyon.
Fl. July. H. ♃.

4. B. scapo medio frondoso, fronde subterna tripartito-bipinnatifida : foliolis inciso-pinnatifidis : laciniis obtusis subtridentatis. *Willden. sp. pl.* 5. *p.* 64. *virginicum.*
Botrychium virginianum. *Schkuhr crypt.* 157. *t.* 156.
Virginian Moonwort.
Nat. of North America.
Introd. 1790, by the Right Hon. Sir Joseph Banks, Bart. K. B.
Fl. August. H. ♃.

POROPTERIDES.

MARATTIA. *Gen. pl.* 1623.

Capsulæ ovales sparsæ, superne longitudinaliter dehiscentes, in utraque parte serie loculamentorum hiantium instructæ. *Indusium* nullum.

1. M. frondibus bipinnatis : pinnulis acute serratis, rachibus squamosis : partialibus alatis. *Willden. sp. pl.* 5. *p.* 66. *Smith inedit.* 46. *Schkuhr crypt.* 153. *t.* 152. *alata.*
Wing'd Marattia.
Nat. of Jamaica. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

SCHISMATOPTERIDES.

LYGODIUM. *Swartz syn. fil.* 152.

Spicæ unilaterales. *Capsulæ* biseriales latere interiore a basi ad verticem dehiscentes. *Indusium* squamiforme quamlibet capsulam obtegens.

1. L. caule tereti, frondibus pinnatis : pinnis corda- *scandens.*

tis simplicibus lobatisve glabris: sterilibus serrulatis. *Swartz syn. fil.* 152.

Hydroglossum scandens. *Willden. sp. pl.* 5. *p.* 77.

Ugena microphylla. *Cavanill. ic.* 6. *p.* 76. *t.* 595. *f.* 2.

Climbing Snake's-tongue.

Nat. of the East Indies.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. May—September. S. ♃.

ANEMIA. *Swartz syn. fil.* 6.

Capsulæ subturbinatæ sessiles vertice radiatim striatæ altero latere hiantes in spicis dispositæ. *Indusium* nullum.

hirsuta. 1. A. fronde bipinnatifida oblonga subtus pilosa: laciniis cuneatis apice dentatis obtusis, rachi hirsuta, stipite glabriusculo. *Willden. sp. pl.* 5. *p.* 91.

Osmunda molliter hirsuta et profunde laciniata. *Plum. fil.* 138. *t.* 162.

Hairy Anemia.

Nat. of Jamaica.

Introd. 1794, by the Right Hon. Sir Joseph Banks, Bart. K. B.

Fl. S. ♃.

adiantifolia. 2. A. fronde tripinnatifida triangulari: laciniis ovato-acutis apice denticulatis: subtus rachique subpubescentibus, stipite glabro. *Willden. sp. pl.* 5. *p.* 94.

Osmunda filiculæfolia major. *Plum. fil.* 135. *t.* 158.

Maiden-hair-leaved Anemia.

Nat. of the West Indies. Messrs. Smith and Perrin.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. August and September. S. ♃.

OSMUNDA.

OSMUNDA. *Gen. pl.* 1622.

Capsulæ subglobosæ pedicellatæ striatæ semibivalves paniculatæ. *Indusium* nullum.

1. O. frondibus bipinnatifidis ferrugineo-tomentosis apice coarctato-fructificantibus. *Willden. sp. pl.* 5. *p.* 96. *claytoniana.*
Clayton's Osmunda.
Nat. of North America.
Introd. 1772, by Samuel Martin, M.D.
Fl. August. H. ♃.

2. O. frondibus bipinnatis: pinnulis lanceolatis subintegerrimis basi inferiore subauriculatis: inferioribus oppositis, panicula bipinnata fructificante in apice frondis. *Willden. sp. pl.* 5. *p.* 97. *Engl. bot.* 209. *Schkuhr crypt.* 147. *t.* 145. *regalis.*
Osmund Royal, or Flowering Fern.
Nat. of Britain.
Fl. July and August. H. ♃.

3. O. frondibus sterilibus bipinnatifidis: laciniis ovato-oblongis obtusis integerrimis; stipite lanato; fructificantibus bipinnatis lanuginosis. *Willden. sp. pl.* 5. *p.* 98. *Schkuhr crypt.* 148. *t.* 146. *cinnamomea.*
Woolly Osmunda.
Nat. of North America.
Introd. 1772, by Samuel Martin, M.D.
Fl. June. H. ♃.

TODEA. *Swartz syn. fil.* 162.

Capsulæ subglobosæ semibivalves in venis transversalibus frondis. *Indusium* nullum.

1. Todea. *Willden. sp. pl.* 5. *p.* 76. *Schkuhr crypt.* 148. *t.* 147. *africana.*
African Todea.

Nat. of the Cape of Good Hope, and New South Wales.
Introd. about 1805, by Thomas Evans, Esq.
Fl. most part of the Summer. G. H. ♃.

FILICES.

ACROSTICHUM. *Gen. pl.* 1625.

Capsulæ sparsæ discum totum inferiorem frondis vel ejus partem occupantes. *Indusium* nullum.

simplex. 1. A. frondibus lanceolatis utrinque attenuatis glabris; fertilibus lineari-lanceolatis, stipitibus brevissimis nudis. *Willden. sp. pl.* 5. *p.* 100.
Simple Acrostichum.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

crinitum. 2. A. frondibus ellipticis utrinque obtusis hirsutis margine villoso-ciliatis, stipitevilloso. *Willden. sp. pl.* 5. *p.* 108.
Lingua cervina villosa amplis foliis subrotundis. *Plum. fil.* 109. *t.* 125.
Hairy Acrostichum.
Nat. of the West Indies. Arthur Broughton, M.D.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

alcicorne. 3. A. frondibus sterilibus reniformibus sublobatis integerrimis sessilibus; fertilibus erectis palmato-dichotomis basi cuneatis: superne inter lacinias lanceolatas fructificantibus. *Willden. sp. pl.* 5. *p.* 111.
Acrostichum Stemaria. *Beauvois flor. d'oware, p.* 2. *t.* 2.
Stag's-horn Acrostichum.

Nat. of Africa, Java, and New Holland.
Introd. 1808, by Mr. George Caley.
Fl. August—October. G. H. ♃.

4. A. frondibus pinnatis: pinnis lanceolatis acuminatis serratis basi cuneatis; fertilibus pinnatis: pinnis linearibus integerrimis, caudice scandente. *Willden. sp. pl.* 5. *p.* 115. *sorbifolium.*
Lingua cervina scandens, foliis laurinis serratis. *Plum. fil.* 102. *t.* 117.
Sorbus-leaved Acrostichum.
Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

5. A. frondibus bipinnatis: pinnulis ellipticis obtusis: superioribus confluentibus; utrinque stipiteque longissime lanuginosis. *Willden. sp. pl.* 5. *p.* 122. *velleum.*
Acrostichum lanuginosum. *Desfont. atlant.* 2. *p.* 400. *t.* 256.
Woolly Acrostichum.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1778.
Fl. August and September. G. H. ♃.

6. A. frondibus bipinnatis: pinnulis oblongis subtus albo-farinosis: inferioribus subpinnatifidis basi sursum auritis; superioribus serratis; summis confluentibus. *Willden. sp. pl.* 5. *p.* 123. *hort. berolin.* 41. *calomelanos.*
Mealy Acrostichum.
Nat. of the West Indies.
Introd. 1790, by Hinton East, Esq.
Fl. July and August. S. ♃.

HEMIONITIS. *Gen. pl.* 1628.

Capsulæ venis reticulatis frondis insertæ. *Indusium* nullum.

1. H. fron-

lanceolata. 1. H. frondibus lineari-lanceolatis utrinque attenuatis integerrimis, stipite brevissimo basi villoso. *Willden. sp. pl.* 5. *p.* 127. *Schkuhr crypt.* 6. *t.* 6.

Spear-leaved Hemionitis.

Nat. of the West Indies. Mr. Alexander Anderson.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. S. ♃.

palmata. 2. H. frondibus cordatis quinquelobis dentatis ciliatis, stipite elongato. *Willden. sp. pl.* 5. *p.* 129.

Hemionitis aurea hirsuta. *Plum. fil.* 129. *t.* 151.

Palmated Hemionitis.

Nat. of the West Indies.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. June—August. S. ♃.

rufa. 3. H. frondibus pinnatis: pinnis oblongis acutiusculis subcordatis subserratis utrinque stipiteque pilosis *Willden. sp. pl.* 5. *p.* 129. *Schkuhr crypt.* 8. *t.* 17. 21.

Rusty-hair'd Hemionitis.

Nat. of Jamaica. Messrs. Smith and Perrin.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. July and August. S. ♃.

MENISCIUM. *Gen. pl.* 1630.

Sori lineares lunulati subparalleli, venis frondis transverse interjecti. *Indusia* nulla.

reticulatum. 1. M. frondibus pinnatis: pinnis lanceolatis acuminatis basi cuneatis omnibus repandis: inferioribus oppositis, caudice nullo. *Willden. sp. pl.* 5. *p.* 134.

Lingua cervina nigra tuberculis pulverulenta. *Plum. fil.* 92 *t.* 110.

Netted Meniscium.

Nat. of Martinico.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

GRAMMITIS. *Swartz syn. fil.* 21.

Sori oblongi sublineares recti sparsi. *Indusia* nulla.

1. G. frondibus pinnatifidis subtus paleaceo-squamosis: laciniis omnibus coadunatis ovatis obtusis: squamulis integris. *Swartz syn. fil.* 23. *Schkuhr crypt.* 186. *t.* 7. *b. p.* *Ceterach.*
Ceterach officinarum. *Willden. sp. pl.* 5. *p.* 136.
Scolopendrium Ceterach. *Engl. bot.* 1244.
Common scaly Grammitis.
Nat. of Britain.
Fl. May—October. H. ♃.

POLYPODIUM. *Swartz syn. fil.* 3.

Sori subrotundi sparsi. *Indusia* nulla.

* *Frondibus simplicibus.*

1. P. frondibus hirtis: sterilibus oblongo-ovatis integerrimis; fertilibus lanceolatis, soris solitariis, caudice filiformi setoso-paleaceo radicante. *Willden. sp. pl.* 5. *p.* 144. *piloselloides.*
Lingua cervina minima repens et hirsuta. *Plum. fil.* 103. *t.* 118.
Mouse-ear Polypody.
Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

2. P. frondibus lanceolatis integerrimis glabris, soris solitariis, caudice filiformi setoso-paleaceo repente. *Willden. sp. pl.* 5. *p.* 150. *Schkuhr crypt.* 187. *t.* 8. *c. p.* *lycopodioides.*

Club-moss Polypody.
Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

phyllitidis. 3. P. frondibus lanceolatis marginatis acutis basi attenuatis glabris, soris biserialibus. *Willden. sp. pl.* 5. *p.* 157.
Lingua cervina longis angustis et undulatis foliis major. *Plum. fil.* 114. *t.* 130.
Hart's-tongue Polypody.
Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

** *Frondibus pinnatifidis.*

aureum. 4. P. frondibus profunde pinnatifidis glaucescentibus: laciniis lanceolatis acuminatis integerrimis: terminali elongata, soris laciniarum inferiorum sparsis; laciniæ terminalis solitariis. *Willden. sp. pl.* 5. *p.* 169.
Polypodium majus aureum. *Plum. fil.* 59. *t.* 76.
Golden Polypody.
Nat. of the West Indies.
Cult. before 1742, by Robert James Lord Petre.
Fl. March and April. S. ♃.

vulgare. 5. P. frondibus profunde pinnatifidis: laciniis lineari-lanceolatis obtusis crenulatis approximatis: superioribus sensim minoribus, soris solitariis, caudice paleaceo. *Willden. sp. pl.* 5. *p.* 172. *Curtis lond. Engl. bot.* 1149.
Common Polypody.
β. Polypodium cambricum. *Linn. sp. pl.* 1546.
Polypodium vulgare β. *Bolt. fil. t.* 2. *f.* 5. *a.*
Welsh Polypody.
Nat. of Britain.
Fl. May—October. H. ♃.

6. P. fron-

6. P. frondibus profunde pinnatifidis: laciniis lanceolatis acutis integerrimis parallelis glabris: superioribus et inferioribus sensim minoribus, soris solitariis. *Willden. sp. pl.* 5. *p.* 180. *Schkuhr crypt.* 189. *t.* 17. *b.* *pectinatum.*

Comb-leaved Polypody.

Nat. of the West Indies. Mr. Alexander Anderson.

Introd. 1793. in H. M S. Providence, by Rear Admiral William Bligh.

Fl. June—September. S. ♃.

7. P. frondibus pinnatifidis pilosis: laciniis semiovatis obtusis, soris solitariis. *Willden. sp. pl.* 5. *p.* 180. *asplenifolium.*

Asplenium altius et villosum. *Plum. fil.* 85. *t* 102. *f. A.*

Spleen-wort-leaved Polypody.

Nat. of Martinico.

Introd. 1790, by Messrs. Lee and Kennedy.

Fl. S. ♃.

*** *Fronde pinnata.*

8. P. frondibus pinnatis: pinnis tripartitis vel pinnatifido-incisis cuneiformibus obtusis dentatis subtus hirtis, soris solitariis demum confluentibus. *Willden. sp. pl.* 5. *p.* 197. *Engl. bot.* 2023. *Schkuhr crypt.* 189. *t.* 17. *b. p.* *hyperboreum.*

Hairy alpine Polypody.

Nat. of Wales and Scotland.

Fl. July—September. H. ♃.

**** *Frondibus bipinnatifidis seu bipinnatis.*

9. P. frondibus bipinnatifidis subtus hirtis: laciniis oblongis obtusis: inferioribus repandis; superioribus integerrimis, soris submarginalibus demum confluentibus, stipite superne villoso. *Willden. sp. pl.* 5. *p.* 198. *Schkuhr crypt.* 16. *t.* 19. *ilvense.*

Rock Polypody.

Nat. of the North of Europe, and North America.

Introd. 1812, by Mr. Frederick Pursh.
Fl. June and July. H. ♃.

Phegopteris. 10. P. frondibus bipinnatifidis: pinnis duabus infimis deflexis; laciniis lineari-lanceolatis obtusis integerrimis ciliatis: infimis adnato-decurrentibus cum oppositis rhombum fere formantibus; venis hirtis, soris solitariis marginalibus. *Willden. sp. pl.* 5. *p.* 199. *Engl. bot.* 2224.
Pale mountain Polypody. Sun-fern.
Nat. of Britain.
Fl. June and July. H. ♃.

***** *Frondibus supradecompositis.*

pruinatum. 11. P. frondibus triplicato-pinnatis subtus albo-glaucis: pinnulis lanceolatis pinnatifido-dentatis, soris solitariis, caudice arborescente. *Willden. sp. pl.* 5. *p.* 207.
White-leaved Polypody.
Nat. of Jamaica. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

effusum. 12. P. frondibus triplicato-pinnatis: pinnulis pinnatifidis: laciniis linearibus serratis acutis, rachi marginata nuda, soris solitariis, stipite glabro. *Willden. sp. pl.* 5. *p.* 208.
Adiantum nigrum ramosum maximum, foliis seu pinnulis tenuibus obtusis, regulariter minutissime et pulcherrime sectis. *Sloan. jam.* 1. *p.* 96. *t.* 57. *f.* 3.
Spreading Polypody.
Nat. of Jamaica.
Introd. 1769, by Mr. George Houstoun.
Fl. November. S. ♃.

Dryopteris. 13. P. frondibus ternatis bipinnatis patulo-deflexis: laciniis obtusis subintegerrimis, soris marginalibus, radice filiformi. *Willden. sp. pl.* 5. *p.* 209. *Engl. bot.* 616.

Tender three-branch'd Polypody.
Nat. of Britain.
Fl. June—September. H. ♃.

14. P. frondibus ternatis bipinnatis rectis rigidulis: laciniis obtusiusculis subintegerrimis, soris marginalibus confluentibus. *Willden. sp. pl.* 5. *p.* 210. *Engl. bot.* 1525. *calcareum.*
Rigid three-branch'd Polypody.
Nat. of England.
Fl. July. H. ♃.

ASPIDIUM. *Swartz syn. fil.* 3.

Sori subrotundi sparsi. *Indusium* umbilicatum vel uno latere dehiscens.

* *Fronde ternata.*

1. A. frondibus ternatis: foliolis oblongis acuminatis margine glabris: lateralibus basi auriculatis; intermedio majore repando-subsinuato, soris biserialibus. *Willden. sp. pl.* 5. *p.* 213. *trifoliatum.*
Polypodium trifoliatum. *Jacq. ic.* 3. *t.* 638.
Three-leaved Shield-fern.
Nat. of the West Indies.
Introd. 1769, by Mr. George Houstoun.
Fl. most part of the Year. S. ♃.

** *Frondibus pinnatis.*

2. A. frondibus pinnatis: pinnis lanceolatis falcatis acutis ciliato-serratis: basi superiore acute auriculatis; inferiore cuneatis: superioribus fructificantibus; subtus stipite rachique paleaceis, soris solitariis marginalibus. *Willden. sp. pl.* 5. *p.* 224. *Lonchitis.*
Polypodium Lonchitis. *Engl. bot.* 797.
Rough alpine Shield-fern.
Nat of Britain.
Fl. May—August. H. ♃.

3. A. frondibus pinnatis: pinnis lanceolato-falcatis cuspidatis serratis: basi superiore truncato auriculatis *auriculatum.*

riculatis acutis; inferiore cuneatis; inferioribus et summis minoribus, soris solitariis, stipite glabro. *Willden. sp. pl.* 5. *p.* 227.
Filix zeylanica lonchitidis facie. *Burm. zeyl.* 98. *t.* 44. *f.* 2.
Ear'd Shield-fern.
Nat. of the East Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

exaltatum. 4. A. frondibus pinnatis: pinnis lanceolatis acutis apice serratis: supra margine albo-punctatis; basi superiore truncato-auriculatis acutis; inferiore cordatis, soris solitariis marginalibus, stipite glabro. *Willden. sp. pl.* 5. *p.* 229. *Schkuhr crypt.* 33. *t.* 32. *b.*
Lofty Shield-fern.
Nat. of Jamaica. Mr. Alexander Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

*** *Frondibus bipinnatifidis, indusiis dimidiatis reniformibus.*

unitum. 5. A. frondibus pinnatis subtus pubescentibus: pinnis linearibus basi cuneatis pinnatifidis: laciniis ovatis acutis, rachi superne pubescente. *Willden. sp. pl.* 5. *p.* 241. *Schkuhr crypt.* 34. *t.* 33. *b.*
United Shield-fern.
Nat. of the East Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

patens. 6. A. frondibus pinnatis: pinnis pinnatifidis: laciniis lanceolatis acutis; infimis pinnarum ultimarum longioribus pinnatifido-incisis; venis subtus hirtis. *Willden. sp. pl.* 5. *p.* 244.
Polypodium nymphale. *Schkuhr crypt.* 36. *t.* 34.

Downy Shield-fern.
Nat. of Jamaica.
Introd. 1784, by Mr. Lindsay.
Fl. July—September. S. ♃.

7. A. frondibus pinnatis: pinnis lanceolatis glabris subtus resinoso-glandulosis pinnatifidis: laciniis lanceolatis obtusis integerrimis: infimis sublongioribus, soris marginalibus. *Willden. sp. pl.* 5. *p.* 247. *Oreopteris.*
Polypodium Oreopteris. *Engl. bot.* 1019.
Heath Shield-fern.
Nat. of Britain.
Fl. July. H. ♃.

8. A. frondibus pinnatis: pinnis lineari-lanceolatis pinnatifidis glabris: laciniis ovatis acutis integerrimis, soris marginalibus contiguis demum confluentibus. *Willden. sp. pl.* 5. *p.* 249. *Thelypteris.*
Polypodium Thelypteris. *Engl. bot.* 1018.
Marsh Shield-fern. Lady-fern.
Nat. of Britain.
Fl. July and August. H. ♃.

9. A. frondibus pinnatis: pinnis subcordato-oblongis pinnatifidis: laciniis oblongis obtusis dentato-serratis, stipite paleaceo. *Willden. sp. pl.* 5. *p.* 252. *Engl. bot.* 2125. *cristatum.*
Lesser crested Shield-fern.
Nat. of England.
Fl. June—August. H. ♃.

**** *Frondibus bipinnatis triplicato-pinnatisve, indusiis dimidiatis reniformibus.*

10. A. frondibus bipinnatis: pinnulis ovatis subfalcatis acutis mucronato-serratis: basi superiore truncatis; inferiore abbreviato-cuneatis; superioribus fructificantibus, stipite rachique paleaceis. *Willden. sp. pl.* 5. *p.* 258. *Engl. bot.* 1562. *aculeatum.*
Common prickly Shield-fern.

Nat. of Britain.
Fl. June—August. H. ♃.

marginale. 11. A. frondibus bipinnatis: pinnulis oblongis obtusis decurrentibus crenatis: crenis baseos profundioribus, soris marginalibus. stipite paleaceo. *Willden. sp. pl.* 5. *p.* 259. *Schkuhr crypt.* 195. *t.* 45. *b.*
Marginal-flowering Shield-fern.
Nat. of North America.
Introd. 1772, by Samuel Martin, M. D.
Fl. June—September. H. ♃.

Filix mas. 12. A. frondibus bipinnatis: pinnulis oblongis obtusis serratis: serraturis muticis, soris costæ mediæ approximatis, stipite rachibusque paleaceis. *Willden. sp. pl.* 5. *p.* 259. *Engl. bot.* 1458.
Male Shield-fern. Male Fern.
Nat. of Britain.
Fl. June—August. H. ♃.

lobatum. 13. A. frondibus bipinnatis: pinnulis ovatis obtusis apice aristatis mucronato-serratis; basi superiore auriculatis; superioribus fructificantibus, stipite rachibusque paleaceis. *Willden. sp. pl.* 5. *p.* 260. *Engl. bot.* 1563.
Close-leaved prickly Shield-fern.
Nat. of England.
Fl. June and July. H. ♃.

spinulosum. 14. A. frondibus bipinnatis: pinnulis oblongis decurrentibus confluentibus inciso-dentatis: laciniis mucronato-serratis, stipite paleaceo, indusiis glandulosis. *Willden. sp. pl.* 5. *p.* 262. *Engl. bot.* 1460.
Crested prickly Shield-fern.
Nat. of Britain.
Fl. June and July. H. ♃.

dilatatum. 15. A. frondibus bipinnatis: pinnulis oblongis distinctis pinnatifido-incisis: laciniis mucronato-

serratis, stipite paleaceo, indusiis lævibus. *Willden. sp. pl.* 5. *p.* 263. *Engl. bot.* 1461.
Great crested Shield-fern.
Nat. of Britain.
Fl. June and July. H. ♃.

16. A. frondibus bipinnatis: pinnulis superioribus ovatis; mediis oblongis; inferioribus lanceolatis pinnatifidis: laciniis oblongis obtusis apice denticulatis, stipite rachibusque paleaceis. *Willden. sp. pl.* 5. *p.* 269. *elongatum.*
Cut-leaved Shield-fern.
Nat. of Madeira and the Azores. Mr. *Fr. Masson.*
Introd. 1779.
Fl. July and August. G. H. ♃.

17. A. frondibus triplicato-pinnatis: pinnulis oblongis obtusis supra hirsutis dentatis, stipite rachibusque setoso-paleaceis. *Willden. sp. pl.* 5. *p.* 271. *Schkuhr crypt.* 194. *t.* 46. *b.* *villosum.*
Villous Shield-fern.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

***** *Frondibus bipinnatifidis, bipinnatis triplicato-pinnatisve, indusiis lateralibus.*

18. A. frondibus pinnatis: pinnis cordatis pinnatifidis: laciniis ovatis acutiusculis; infima et terminali subtrilobis, soris demum confluentibus. *Willden. sp. pl.* 5. *p.* 272. *Engl. bot.* 2024. *Schkuhr crypt.* 52. *t.* 53. *fontanum.*
Smooth rock Shield-fern.
Nat. of England.
Fl. June—August. H. ♃.

19. A. frondibus pinnatis: pinnis ovato-oblongis pinnatifidis: *dentatum.*

pinnatifidis: laciniis oblongis obtusis denticulatis. *Willden. sp. pl.* 5. *p.* 273.
Cyathea dentata. *Engl. bot.* 1588.
Tooth'd Shield-fern.
Nat. of Scotland and Wales.
Fl. July. H. ♃.

bulbiferum. 20. A. frondibus bipinnatis oblongo-lanceolatis: pinnulis oppositis oblongis obtusis serratis; inferioribus pinnatifidis, rachi bulbifera, soris subrotundis. *Willden. sp. pl.* 5. *p.* 275. *Schkuhr crypt.* 55. *t.* 57.
Bulbiferous Shield-fern.
Nat. of Canada.
Introd. 1638, by Mr. John Tradescant, Jun. *Park theatr.* 1045.
Fl. July and August. H. ♃.

Filix femina. 21. A. frondibus bipinnatis: pinnulis oblongo-lanceolatis inciso-serratis: serraturis bi- s. tridentatis acutiusculis, soris oblongis rectis. *Willden. sp. pl.* 5. *p.* 276. *Engl. bot.* 1459.
Female Shield-fern.
Nat. of Britain.
Fl. June—September. H. ♃.

axillare. 22. A. frondibus bipinnatis: pinnulis pinnatifidis: laciniis lineari-lanceolatis apice serratis: serraturis attenuatis, soris oblongis rectis solitariis ad basin laciniarum. *Willden. sp. pl.* 5. *p.* 278.
Slender Madeira Shield-fern.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1779.
Fl. June—September. G. H. ♃.

fragile. 23. A. frondibus bipinnatis: pinnulis oblongis obtusis inciso-serratis: serraturis obtusis denticulatis, rachi alata. *Willden. sp. pl.* 5. *p.* 280.
Cyathea fragilis. *Engl. bot.* 1587.
Brittle Shield-fern.
Nat. of Britain.
Fl. June—August. H. ♃.

24. A. fron-

24. A. frondibus bipinnatis: pinnulis ovato-oblongis lobato-pinnatifidis: laciniis lineari-oblongis obtusis subintegerrimis, rachi alata. *Willden. sp. pl.* 5. *p.* 281. *regium.*
Cyathea incisa. *Engl. bot.* 163.
Laciniated Shield-fern.
Nat. of Britain.
Fl. June. H. ♃.

25. A. frondibus triplicato-pinnatis: pinnulis pinnatifidis: laciniis linearibus apice dentatis. *Willden. sp. pl.* 5. *p.* 283. *æmulum.*
Dwarf Madeira Shield-fern.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1779.
Fl. G. H. ♃.

26. A. frondibus triplicato-pinnatis: pinnulis lanceolatis decurrentibus inciso-serratis: serraturis inferioribus bidentatis, soris contiguis demum confluentibus. *Willden. sp. pl.* 5. *p.* 283. *umbrosum.*
Aspidium axillare. *Schkuhr crypt. t.* 61.
Madeira wood Shield-fern.
Nat. of Madeira. Mr. *Fr. Masson.*
Introd. 1779.
Fl. G. H. ♃.

ONOCLEA. *Gen. pl.* 1624.

Capsulæ partem frondis inferiorem dense tegentes. *Indusia* squamiformia in formam baccæ connata non dehiscentia.

1. O. frondibus sterilibus pinnatis: pinnis incisis: superioribus coadunatis; fructificantibus bipinnatis: pinnulis recurvato-globosis. *Swartz syn. fil.* 110. *Schkuhr crypt.* 95. *t.* 102. *sensibilis.*
Onoclea sensibilis. *Willden. sp. pl.* 5. *p.* 287.
Sensitive Fern, or Onoclea.
Nat. of Virginia.
Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 563. *n.* 10.
Fl. August. H. ♃.

Struthiopteris. 2. O. frondibus bipinnatifidis fructiferis: pinnis linearibus obtusis: pinnulis subrotundis. *Swartz syn. fil.* 111. *Schkuhr crypt.* 97. *t.* 105.
Struthiopteris germanica. *Willden. sp. pl.* 5. *p.* 288.
Bird's-nest, or Russian Onoclea.
Nat. of Europe.
Cult. 1760, by Peter Collinson, Esq.
Fl. July and August. H. ♃.

ASPLENIUM. *Gen. pl.* 1631.

Sori lineares transversales sparsi. *Indusia* e venis lateralibus orta costam versus dehiscentia.

* *Fronde indivisa.*

searrtum. 1. A. fronde lanceolata breve stipitata acuminata serrata: basi attenuata integerrima, soris approximatis parallelis. *Willden. sp. pl.* 5. *p.* 304. *Schkuhr crypt.* 61. *t.* 64.
Saw-leaved Spleen-wort.
Nat. of the West Indies. Messrs. *Smith and Perrin.*
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

rhizophyllum. 2. A. frondibus lanceolatis stipitatis subcrenatis: basi auriculato-cordatis; apice longissimo lineari-filiforme radicante. *Willden. sp. pl.* 5. *p.* 305.
Phyllitis filicifolia parva saxatilis virginiana per summitates foliorum radicosa. *Pluk. alm.* 154. *t.* 105. *f.* 3.
Rooting-leaved Spleen wort.
Nat. of North America.
Introd. 1680, by the Rev. John Banister. *Moris. hist.* 3. *p.* 557. *n.* 14.
Fl. June and July. H. ♃.

** *Fronde angulata.*

Hemionitis. 3. A. frondibus simplicibus cordato-hastatis quin-

quelobis integerrimis, stipitibus lævibus. *Linn. sp. pl.* 1536.
Asplenium palmatum. *Willden. sp. pl.* 5. *p.* 306. *Schkuhr crypt.* 62. *t.* 66.
Mule's-tongue. Mule's Fern, or Spleen-wort.
Nat. of the South of Europe and Madeira.
Introd. 1779, by Mr. Francis Masson.
Fl. G. H. ♃.

4. A. frondibus subbipartitis longissime stipitatis: laciniis linearibus apice acute subtridentatis. *Willden. sp. pl.* 5. *p.* 307. *Engl. bot.* 1017. *septentrionale.*
Fork'd Spleen-wort.
Nat. of Britain.
Fl. June—October. H. ♃.

*** *Fronde pinnata.*

5. A. frondibus pinnatis: pinnis alternis: superioribus suboppositis lineari-lanceolatis subrepandis: basi superiore truncatis; inferiore leviter rotundatis. *Willden. sp. pl.* 5. *p.* 313. *Schkuhr crypt.* 63. *t.* 67, 69. *angustifolium.*
Narrow-leaved Spleen-wort.
Nat. of North America.
Introd. 1812, by Mr. John Lyon.
Fl. June and July. H. ♃.

6. A. frondibus pinnatis: pinnis oblongis obtusis inciso-serratis: basi superiore rotundato-subauriculatis; inferiore truncatis. *Willden. sp. pl.* 5. *p.* 318. *Engl. bot.* 392. *marinum.*
Sea Spleen-wort.
Nat. of Britain.
Fl. June—October. H. ♃.

7. A. frondibus pinnatis: pinnis lanceolatis obtusis æqualiter obtuse serratis: basi superiore truncatis; inferiore abscisso-cuneatis, soro in qualibet pinna subsolitario. *Willden. sp. pl.* 5. *p.* 322. *Smith inedit.* 73. *monanthemum.*
One-flower'd Spleen-wort.
Nat. of the Cape of Good Hope.

Introd.

Introd. 1790, by Messrs. Lee and Kennedy.
Fl. July. G. H. ♃.

ebenum. 8. A. frondibus pinnatis: pinnis sessilibus lanceolatis serrulatis: basi cordatis sursum auriculatis. *Willden. sp. pl.* 5. *p.* 329.
Asplenium polypodioides. *Schkuhr crypt.* 67. *t.* 73.
Ivory-stiped Spleen-wort.
Nat. of North America.
Cult. 1779, by John Fothergill, M. D.
Fl. September. H. ♃.

germanicum. 9. A. frondibus pinnatis: pinnis alternis lanceolato-cuneatis apice dentatis; inferioribus bipartitis. *Willden. sp. pl.* 5. *p.* 330.
Asplenium alternifolium. *Engl. bot.* 2258.
Alternate-leaved Spleen-wort.
Nat. of Scotland.
Fl. June—October. H. ♃.

Trichomanes. 10. A. frondibus pinnatis: pinnis subrotundo-oblongis obtusis crenatis: basi truncato-cuneatis, stipite discolore. *Willden. sp. pl.* 5. *p.* 331. *Engl. bot.* 576.
Common Maidenhair Spleen-wort.
Nat. of Britain.
Fl. May—October. H. ♃.

viride. 11. A. frondibus pinnatis: pinnis subrotundo-ovatis obtuse serratis basi cuneatis, stipite concolore. *Willden. sp. pl.* 5. *p.* 332. *Engl. bot.* 2257.
Green Maidenhair Spleen-wort.
Nat. of Britain.
Fl. June—September. H. ♃.

rhizophorum. 12. A. frondibus pinnatis: pinnis ovatis repando-subauritis: terminalibus remotis parvis integerrimis; fronde apice radicante. *Willden. sp. pl.* 5. *p.* 334.
Lonchitis asplenii facie, pinnulis variis seu subrotundis ex utroque latere auriculatis. *Sloan. jam.* 1. *p.* 76. *t.* 29. *et* 30. *f.* 1.

Root-bearing Spleen-wort.
Nat. of Jamaica. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

**** *Fronde bipinnatifida.*

13. A. frondibus pinnatis: pinnis petiolatis oblongis acuminatis pinnatifidis: laciniis oblongis obtusis acute serratis, soris parallelis. *Willden. sp. pl.* 5. *p.* 338. *striatum.*
Filix pinnulis latioribus dentatis major et minor. *Plum. fil.* 15. *t.* 18. *et* 16. *t.* 19.
Striated Spleen-wort.
Nat. of the West Indies. Mr. Alexander Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June—August. S. ♃.

14. A. frondibus pinnatis: pinnis cuneato-ovatis acutis profunde pinnatifidis: laciniis lanceolato-cuneatis apice inæqualiter acute-dentatis, rachi hirta. *Willden. sp. pl.* 5. *p.* 339. *præmorsum.*
Adiantum exoticum Rutæ murariæ æmulum, pinnulis oblongis angustis, in summitate tripartitis. *Pluk. alm.* 10. *t.* 73. *f.* 5.
Snip-leaved Spleen-wort.
Nat. of Jamaica. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

***** *Fronde bipinnata.*

15. A. frondibus basi bipinnatis; apice simpliciter pinnatis: pinnulis rhombeo-oblongis obtusis: apice obtuse denticulatis. *Willden. sp. pl.* 5. *p.* 341. *Engl. bot.* 150. *Ruta muraria.*
White Maidenhair, or Wall-rue.
Nat. of Britain.
Fl. June—October. H. ♃.

16. A. frondibus bipinnatis: pinnulis oblongis utrinque *fragrans.*

que acutis apice serratis: summis confluentibus. *Willden. sp. pl.* 5. *p.* 345.
Fragrant Spleen-wort.
Nat. of Jamaica. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

lanceolatum. 17. A. frondibus bipinnatis: pinnulis obovatis obtusis basi cuneatis; apice acute dentatis; inferioribus incisis, soris demum confluentibus. *Willden. sp. pl.* 5. *p.* 346. *Engl. bot.* 240.
Lanceolate Spleen-wort.
Nat. of England.
Fl. June—October. H. ♃.

Adiantum nigrum. 18. A. frondibus bipinnatis: pinnis oblongo-lanceolatis acutis: pinnulis oblongis pinnatifido-incisis: laciniis apice dentatis, soris demum confluentibus. *Willden. sp. pl.* 5. *p.* 346. *Engl. bot.* 1950.
Black Maidenhair Spleen-wort.
Nat of Britain.
Fl. April—October. H. ♃.

SCOLOPENDRIUM. *Smith in act. taur.* 5. *p.* 410.

Sori lineares transversales sparsi. *Indusium* duplex, utrumque latus sori occupans, superficiarium, quasi sutura longitudinali dehiscens.

officinarum. 1. SCOLOPENDRIUM. *Willden. sp. pl.* 5. *p.* 348.
α. Scolopendrium vulgare. *Engl. bot.* 1150.
Asplenium Scolopendrium. *Curtis lond.*
Common Hart's-tongue.
crispum. β. Phyllitis crispa. *Bauh. hist.* 3. *p.* 757.
Curl'd Hart's-tongue.
undulatum. γ. Phyllitis s. Lingua Cervina maxima, undulato folio auriculato per basim. *Pluk. phyt.* 248. *f.* 1.
Wave-leaved Hart's-tongue.
multifidum. δ. Lingua Cervina multifido folio, *Bauh. pin.* 353.

Cluster'd Hart's-tongue.
ε. Phyllitis s. Lingua Cervina minor crispa, folio multifido, ramosa. *Pluk phyt.* 248. *f.* 2. ramosum.
Branching-cluster'd Hart's-tongue.
Nat. of Britain.
Fl. July and August. H. ♃.

DIPLAZIUM. *Swartz syn. fil.* 4.

Sori lineares sparsi gemini ab eadem vena frondis orti simplices vel ramosi. *Indusia* geminata e venis orta, utrumque exterius dehiscens.

1. D. frondibus pinnatis: pinnis lanceolatis apice serratis: basi superiore truncatis; inferiore rotundato-subcuneatis. *Willden. sp. pl.* 5. *p.* 351. *grandifolium.*
Large-leaved Diplazium.
Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

PTERIS. *Gen. pl.* 1626.

Sori continui lineares marginales. *Indusium* e margine frondis inflexum interius dehiscens.

1. P. frondibus pinnatis: pinnis linearibus basi subauriculato-cordatis serrulatis: terminali basi cordata, stipite rachique paleaceo-hirtis. *Willden. sp. pl.* 5. *p.* 369. *Jacq. hort. schœnbr.* 3. *p.* 78. *t.* 399, 400. *longifolia.*
Long-leaved Brake.
Nat. of the West Indies.
Introd. about 1770, by Mr. James Gordon.
Fl. July—September. S. ♃.

2. P. frondibus pinnatis: pinnis oblongo-lanceolatis brevissime petiolatis integerrimis basi cuneatis, stipite rachique glabris. *Willden. sp. pl.* 5. *p.* 369. *grandifolia.*
Pteris vittata. *Schkuhr crypt.* 84. *t.* 89.
Large-leaved Brake.

Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

serrulata. 3. P. frondibus pinnatis: pinnis linearibus decurrentibus; inferioribus tripartitis; sterilibus acute serratis; fertilibus integerrimis apice serratis. *Willden. sp. pl.* 5. *p.* 373. *Schkuhr crypt.* 85. *t.* 91.
Various-leaved Brake.
Nat. of Japan, China, and Ceylon.
Introd. about 1770, by Mr. James Gordon.
Fl. August and September. S. ♃.

atropurpurea. 4. P. frondibus pinnatis: pinnis inferioribus ternatis pinnatisve lanceolatis obtusis: basi obtuse truncatis subcordatisve. *Willden. sp. pl.* 5. *p.* 375. *Schkuhr crypt.* 93. *t.* 101.
Purple Brake.
Nat. of North America.
Introd. 1770, by Mr. William Young.
Fl. August—November. H. ♃.

arguta. 5. P. frondibus pinnatis: pinnis suboppositis pinnatifidis: laciniis lanceolatis acutis argute serratis; pinna infima bipartita, stipite lævi. *Willden. sp. pl.* 5. *p.* 387.
Filix non ramosa jamaicensis, pediculo albicante, alis Marrubii aquatici fere divisuris quarum pinnulæ a tergo linea candidissima aspergine conflata, et per ambitum ducta ornatæ sunt. *Pluk. alm.* 153. *t.* 290. *f.* 2.
Sharp notch'd Brake.
Nat. of Arabia, Madeira, and the Cape of Good Hope.
Introd. 1778, by Mr. Francis Masson.
Fl. August and September. G. H. ♃.

crispa. 6. P. frondibus sterilibus bipinnatis: pinnulis pinnatifidis: laciniis obovato-cuneatis apice inciso-

dentatis; fertilibus bipinnatis inferne tripinnatis: pinnulis lineari-oblongis obtusiusculis integerrimis basi angustatis. *Willden. sp. pl.* 5. *p.* 395. *Engl. bot.* 1160.
Rock Brake, or curl'd Stone Fern.
Nat of Britain.
Fl. July and August. H. ♃.

7. P. frondibus bipinnatis: pinnulis oblongis acuminatis pinnatifidis: laciniis lanceolatis acutis serratis, caudice arboreo stipitibusque aculeatis. *Willden. sp. pl.* 5. *p.* 398. *aculeata.*
Filix arborescens ramosa et aculeata. *Plum. fil.* 6. *t.* 5. *et* 11.
Prickly-stemm'd Brake.
Nat. of the West Indies. Messrs. Smith and Perrin.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

8. P. fronde tripartita: ramis bipinnatis: pinnulis linearibus elongatis obtusis integerrimis; inferioribus bipinnatifidis. *Willden. sp. pl.* 5. *p.* 401. *Jacqu. ic.* 3. *t.* 645. *caudata.*
Great American Brake.
Nat. of North America.
Introd. about 1777, by Mr. William Young.
Fl. September—December. H. ♃.

9. P. fronde tripartita: ramis bipinnatis: pinnis lineari-lanceolatis: superioribus indivisis; inferioribus pinnatifidis: laciniis oblongis obtusis. *Willden. sp. pl.* 5. *p.* 402. *Engl. bot.* 1679. *aquilina.*
Common Brake.
Nat. of Britain.
Fl. July and August. H. ♃.

10. P. fronde pedata: ramis pinnatis: pinnulis oblongo-lanceolatis acuminatis pinnatifidis: laciniis oblongis acutis serratis. *Willden. sp. pl.* 5. *p.* 403. *podophylla.*

Lonchitis erecta tribrachiata, lateralibus bipartitis, medio recto simplici. *Brown. jam.* 89. *t.* 1.
Pedated Brake.
Nat. of Jamaica. Mr. Alexander Anderson.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. June and July. S. ♃.

VITTARIA. *Smith in act. taur.* 5. *p.* 413.

Sori lineares continui longitudines in disco vel ad marginem frondis. *Indusium* duplex continuum, alterum exterius, alterum interius dehiscens.

lineata. 1. V. frondibus linearibus longissimis pendulis, soris solitariis intra marginalibus. *Willden. sp. pl.* 5. *p.* 404. *Schkuhr crypt.* 93. *t.* 101. *b.*
Linear-leaved Vittaria.
Nat. of the West Indies. Messrs. *Smith* and *Perrin.*
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

BLECHNUM. *Gen. pl.* 1627.

Sori lineares longitudinales continui costæ frondis utrinque paralleli. *Indusium* superficiarium continuum interius dehiscens.

boreale. 1. B. frondibus sterilibus pinnatifidis: laciniis lanceolatis obtusiusculis parallelis; fructiferis pinnatis: pinnis linearibus acuminatis. *Willden. sp. pl.* 5. *p.* 408. *Engl. bot.* 1159.
Northern Blechnum.
Nat. of Britain.
Fl. July. H. ♃.

australe. 2. B. frondibus pinnatis: pinnis lineari-lanceolatis mucronatis basi auriculato-cordatis margine scabris. *Willden. sp. pl.* 5. *p.* 410. *Schkuhr crypt.* 103. *t.* 110. *b.*
Cape Blechnum.
Nat. of the Cape of Good Hope.

Cult. 1691, in the Royal garden at Hampton-court. *Pluk. phyt.* 89. *f.* 7.
Fl. most part of the Year. G. H. ♃.

3. B. frondibus pinnatis: pinnis inferioribus oppositis lanceolatis integerrimis basi subcordatis; superioribus alternis coadunatis. *Willden. sp. pl.* 5. *p.* 412. *Jacqu. ic.* 3. *t.* 644. *occidentale.*
South American Blechnum.
Nat. of South America.
Introd. about 1777.
Fl. most part of the Year. S. ♃.

WOODWARDIA. *Smith in act. taur.* 5. *p.* 411.

Sori oblongi distincti recti costæ frondis utrinque paralleli. *Indusia* superficiaria fornicata interius dehiscentia.

1. W. frondibus pinnatis: pinnis subpetiolatis pinnatifidis: laciniis lanceolatis acuminatis subrepandis serrulatis, rachi prolifera. *Willden. sp. pl.* 5. *p.* 418. *Schkuhr crypt.* 104. *t.* 112. *radicans.*
Rooting-leaved Woodwardia.
Nat. of Madeira.
Introd. 1779, by Mr. Francis Masson.
Fl. September. G. H. ♃.

2. W. frondibus pinnatis: pinnis sessilibus lanceolatis pinnatifidis: laciniis lanceolatis obtusis crenulatis. *Willden. sp. pl.* 5. *p.* 418. *virginica.*
Filix mas vulgari similis, pinnulis amplioribus planis nec crenatis, virginiana. *Pluk. alm.* 151. *t.* 179. *f.* 2.
Virginian Woodwardia.
Nat. of North America.
Cult. 1774, by John Fothergill, M. D.
Fl. August and September. H. ♃.

DOODIA. *Brown prodr.* 151.

Sori lunulati v. lineares, seriati, costæ paralleli. *Involucrum* e ramulo anastomozante venæ ortum, planum, intus liberum.

aspera. 1. D. frondibus lanceolatis pinnatifidis: laciniis lineari-ensiformibus acuminatis spinuloso-serratis, soris lunulatis distinctis passim biseriatis, stipite rachique asperis. *Brown prodr.* 151.

Rough-stalk'd Doodia.

Nat. of New South Wales.

Introd. 1808, by Mr. George Caley.

Fl. most part of the Summer. G. H. ♃.

ADIANTUM. *Gen. pl.* 1633.

Sori oblongi vel subrotundi. *Indusiis* membranaceis e margine ortis, interius dehiscentibus, inserti.

reniforme. 1. A. frondibus simplicibus reniformi-orbiculatis crenatis: diametro transversali longitudinalem æquante. *Willden. sp. pl.* 5. *p.* 427.

Filix Hemionitis dicta maderensis, foliis asari rotundioribus, crenarum segmentis oblongo-quadratis, per ambitum circumcirca reflexa. *Pluk. alm.* 155. *t.* 287. *f.* 5.

Kidney-leaved Maidenhair.

Nat. of Madeira.

Cult. 1699, by Mr. Jacob Bobart. *Moris. hist.* 3. *p.* 592. *n.* 1.

Fl. June—September. G. H. ♃.

macrophyllum. 2. A. frondibus pinnatis: pinnis ovatis acuminatis basi cuneatis apice dentatis, soris continuis in utroque pinnæ margine. *Willden. sp. pl.* 5. *p.* 429.

Adiantum simplex aut vix divisum, caule tereti, foliis amplis triangularibus impetiolatis. *Brown. jam.* 87. *t.* 38. *f.* 1. pinna sterilis.

Large-leaved Maidenhair.

Nat. of Jamaica. Messrs. Smith and Perrin.

Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.

Fl. S. ♃.

pedatum. 3. A. fronde pedata: ramis pinnatis: pinnis dimidiatis oblongis lunatis margine superiore incisis:

laciniis sterilibus dentatis; fertilibus integerrimis, soris linearibus, stipite glabro. *Willden. sp. pl.* 5. *p.* 438. *Schkuhr crypt.* 107. *t.* 115.
Canadian Maidenhair.
Nat. of Canada and Virginia.
Introd. before 1640, by Mr. John Tradescant, Jun. *Park. theatr.* 1050. *f.* 3.
Fl. August and September. H. ♃.

4. A. frondibus bipinnatis: pinnulis oblongis dimidiatis basi et anterius truncatis apice serratis: margine superiore et antice fructificantibus, soris subcontinuis, stipitibus rachibusque villosis. *Willden. sp. pl.* 5. *p.* 444. *Schkuhr crypt.* 111. *t.* 120. *villosum.*
Hairy-stalk'd Maidenhair.
Nat. of Jamaica.
Cult. 1775, by John Fothergill, M. D.
Fl. June—September. S. ♃.

5. A. frondibus bipinnatis: pinnulis inferioribus deltoideis; superioribus oblongis dimidiatis: basi et anterius truncatis apice et antice serratis, soris continuis, stipite rachibusque pubescentibus. *Willden. sp. pl.* 5. *p.* 446. *Schkuhr crypt.* 110. *t.* 119. *pulverulentum.*
Dusty Maidenhair.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

6. A. frondibus triplicato-pinnatis: pinnulis ovato-rhombeis acuminatis grosse serratis: serraturis subcrenatis, soris oblongis, stipite glabro. *Willden. sp. pl.* 5. *p.* 447. *trapeziforme.*
Adiantum rhomboideum. *Schkuhr crypt.* 114. *t.* 122.
Rhomb-leaved Maidenhair.
Nat. of the West Indies. *Thomas Dancer*, M. D.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

Capillus veneris. 7. A. fronde bipinnata: pinnulis obovato-cuneatis inciso-sublobatis: laciniis fertilium soro lineari-oblongo terminatis; sterilibus serratis. *Willden. sp. pl.* 5. *p.* 449. *Engl. bot.* 1564.
True Maidenhair.
Nat. of Britain.
Fl. May—September. H. ♃.

tenerum. 8. A. frondibus triplicato-pinnatis divaricatis: pinnulis ovato rhombeis superne sublobato-incisis: laciniis sterilibus serratis; fructiferis soro oblongo terminatis. *Willden. sp. pl.* 5. *p.* 450.
Adiantum fruticosum coriandri folio jamaicense, pediculis foliorum politiori nitore nigricantibus. *Pluk. alm.* 10. *t.* 254. *f.* 1.
Tender Maidenhair.
Nat. of Jamaica. *Arthur Broughton,* M. D.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. July. S. ♃.

CHEILANTHES. *Swartz syn. fil.* 5.

Sori punctiformes discreti marginales, tecti *Indusio* squamiformi marginali interius dehiscente.

pteroides. 1. C. frondibus bipinnatis: pinnis inferioribus bipinnatis: pinnulis ovato-ellipticis obtusis obsolete subcordatis crenulatis, soris contiguis, stipite glaberrimo, rachibus subpilosis. *Willden. sp. pl.* 5. *p.* 455.
Pteris orbiculata. *Houtt. nat. hist.* 14. *p.* 108. *t.* 95. *f.* 3.
Pteris-like Cheilanthes.
Nat. of the Cape of Good Hope.
Introd. 1775, by Mr. Francis Masson.
Fl. G. H. ♃.

fragrans. 2. C. frondibus bipinnatis glabris: pinnulis oblongo-lanceolatis obtusis pinnatifido-incisis: laciniis subbifidis, stipite paleaceo. *Willden. sp.*

sp. pl. 5. *p.* 457. *Swartz syn. fil.* 325. *t.* 3. *f.* 6.
Sweet-scented Cheilanthes.
Nat. of Madeira.
Introd. 1778, by Mr. Francis Masson.
Fl. G. H. ♃.

LONCHITIS. *Gen. pl.* 1629.

Sori lunati sinubus frondis subjecti. *Indusium* e margine frondis inflexo, interius dehiscens.

1. L. frondibus bipinnatis hirsutis: pinnis pinnatifidis acuminatis: laciniis obtusis: sterilibus repando-dentatis; fructiferis sinuatis, stipite rachibusque villosis. *Willden. sp. pl.* 5. *p.* 463. *Schkuhr crypt.* 81. *t.* 86. *hirsuta.*
Hairy Lonchitis.
Nat. of the West Indies.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♃.

DAVALLIA. *Smith in act. taur.* 5. *p.* 414.

Sori punctiformes subterminali-marginales distincti. *Indusium* superficiarium subcucullatum unoquoque puncto distinctum exterius dehiscens.

1. D. frondibus bipinnatis: pinnis inferioribus bipinnatis: pinnulis oblongis pinnatifidis: laciniis dentatis: dentibus inferioribus inæqualiter obtuse bifidis; reliquis indivisis. *Willden. sp. pl.* 5. *p.* 471. *pyxidata.*
Davallia pyxidata. *Brown prodr.* 157.
Shining Davallia.
Nat. of the Philippine Islands and of New Holland.
Introd. 1808, by Mr. George Caley.
Fl. most part of the Summer. G. H. ♃.

2. D. fronde tripartita: ramis triplicato-pinnatis: pinnulis *canariensis.*

pinnulis pinnatifidis: laciniis sterilibus lanceolatis subtridentatis; fructiferis subtruncato-cuneatis retusis. *Willden. sp. pl.* 5. *p.* 474.
Trichomanes canariense. *Jacqu. ic.* 1. *t.* 200.
Hare's-foot Fern.
Nat. of Portugal, Madeira, and the Canaries.
Cult. before 1699, in the Royal garden at Hampton-court. *Moris. hist.* 3. *p.* 584. *n.* 16.
Fl. most part of the Summer. G. H. ♃.

DICKSONIA. *L'Herit. sert. angl.* 30.

Sori punctiformes marginales subrotundi distincti. *Indusium* duplex, alterum superficiarium exterius dehiscens, alterum marginale interius dehiscens.

arborescens. 1. D. frondibus bipinnatis: pinnulis ovatis acutiusculis integerrimis angulatisve confluentibus: venis subtus rachibusque pilosis, caudice arborescente. *Willden. sp. pl.* 5. *p.* 485.
Tree Dicksonia.
Nat. of the Island of St. Helena.
Introd. 1786, by A. P. Hove, Esq.
Fl. most part of the Winter. S. ♄.

Culcita. 2. D. frondibus triplicato-pinnatis: pinnulis sterilibus ovato-oblongis cuneatis serratis acutis: superioribus confluentibus; fertilibus oblongo-cuneatis apice dentatis basi superiore soro unico instructis, rachibus glabris. *Willden. sp. pl.* 5. *p.* 486.
Shining-leaved Dicksonia.
Nat. of Madeira and the Azores. Mr. *Fr. Masson.*
Introd. 1779.
Fl. September and October. G. H. ♃.

dissecta. 3. D. frondibus triplicato-pinnatis: pinnis attenuatis: pinnulis oblongis obtusis pinnatifidis: laciniis obtusis dentatis. *Willden. sp. pl.* 5. *p.* 486.
Cut-leaved Dicksonia.

Nat. of Jamaica.
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. September. S. ♃.

CYATHEA. *Smith in act. taur.* 5. *p.* 416.

Sori subrotundi receptaculo hemisphærico vel clavato inserti. *Indusium* calyciforme sorum cingens, superne dehiscens.

1. C. frondibus bipinnatis: pinnulis lanceolatis serratis acutiusculis: summis confluentibus, stipite lævi, caudice arboreo. *Willden. sp. pl.* 5. *p.* 491. *arborea.*

Filix arborescens pinnulis dentatis. *Plum. fil.* 1. *t.* 1, 2.
Tree Cyathea, or Cup-fern.
Nat. of the West Indies. Messrs. *Smith* and *Perrin.*
Introd. 1793, in H. M. S. Providence, by Rear Admiral William Bligh.
Fl. S. ♄.

TRICHOMANES. *Gen. pl.* 1635.

Sorus marginalis receptaculo columnari sæpius setiformi insertus. *Indusium* urceolato-campanulatum monophyllum erectum sorum includens.

1. T. frondibus 2—4-pinnatifidis glabris: pinnulis unifloris: laciniis linearibus margine integerrimis, involucris turbinato-oblongis apteris: apice simplici indiviso, columella subinclusa, stipite alato. *Brown mss.* *brevisetum.*

Hymenophyllum alatum. *Willden. sp. pl.* 5. *p.* 526. *Engl. bot.* 1417.
Short-styled Trichomanes.
Nat. of Britain.
Fl. May and June. H. ♃.

HYMENOPHYLLUM.

Smith in act. taur. 5. *p.* 418.

Sorus marginalis receptaculo cylindraceo insertus. *Indusium* bivalve sorum includens.

tunbridgense. 1. H. frondibus pinnatis: pinnis digitato-pinnatifidis: laciniis linearibus serratis, soris supra axillaribus solitariis, indusiis serratis, rachi alata subintegerrima, stipite tereti. *Willden. sp. pl.* 5. *p.* 520. *Engl. bot.* 162.
Hymenophyllum cupressiforme. *Willden. sp. pl.* 5. *p.* 522.
Tunbridge Filmy-leaf.
Nat. of Britain.
Fl. May and June. H. ♃.

HYDROPTERIDES.

ISOËTES. *Gen. pl.* 1620.

Capsula membranacea non dehiscens, frondis basi immersa, unilocularis. *Semina* angulata receptaculis pluribus filiformibus inserta.

lacustris. 1. Isoëtes. *Willden. sp. pl.* 5. *p.* 534. *Engl. bot.* 1084.
Quill-wort.
Nat. of Britain.
Fl. May—October. H. ♃.

PILULARIA. *Gen. pl.* 1619.

Indusia imbricata connata capsulam quadrilocularem quadrivalvem mentientia. *Semina* numerosa.

globulifera. 1. Pilularia. *Willden. sp. pl.* 5. *p.* 535. *Engl. bot.* 521.
Pill-wort, or Pepper-grass.
Nat. of Britain.
Fl. June—September. H. ♃.

THE END.

POSTSCRIPT.

Pressed by a burden of favours conferred upon him during the progress of this Work, the Author entreats his candid readers to forgive the intrusion of this page, destined to the acknowledgement of obligations which he well knows he can never hope to repay.

To the Right Honourable Sir Joseph Banks his abundant gratitude is most justly due, not only for his judicious advice, which on all occasions has been readily and cheerfully granted, but above all for the unceasing and unwearied attention continued by Sir Joseph for nearly half a century to the best interests of the Royal Gardens at Kew, by which the increase of the collection, and consequently the value of this Catalogue, have been promoted in an eminent degree.

To the memory of his deceased friend Jonas Dryander, Esq. a melancholy tribute of acknowledgement must be paid, for having continued to the son the assistance given to his father during the publication of the former Edition of this Work. This inestimable man exerted his best talents not only in improving the plan, but in arranging the materials of this Catalogue for the press, and correcting the proof sheets during the progress of the printing, until a few days previous to his death; endeavouring at the same time to instil into the mind

of

of the Author, some portion of that extensive scientific information for which he was so universally esteemed.

To Robert Brown, Esq. most learned in the practical knowledge of Botany, and in the very refined and scientific parts of it in particular, with a mind comprehensive and acute, and with friendship equally liberal to the Author, must be attributed the improved state of the latter volumes of this Work. Much new matter has been added by this gentleman, and some without reference to his name; but the greater part of his able improvements are distinguished by the signature of *Brown mss.*

Impressed with heartfelt gratitude to his friends, and confident that no pains or industry has been wanting on his part to render this Catalogue useful to the botanical reader; the Author is not without hopes, that his book may be acceptable to the candid public; and he can only add, that it will ever remain the study of his life to prove himself not unworthy of the charge confided to his direction by his revered Sovereign, and by His Royal Highness the much honoured Regent of these realms, to whom Science will never look up in vain for the sanction and support of Royal favour.

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